



# CITY OF HALF MOON BAY

City Hall • 501 Main Street • Half Moon Bay • CA • 94019

September 28, 2018

Mr. Bruce H. Wolfe  
Executive Officer  
San Francisco Bay Regional Water Quality Control Board  
1515 Clay Street, Suite 1400  
Oakland, CA 94612

Subject: **City of Half Moon Bay Municipal Regional Stormwater Permit**  
FY 2017/18 Annual Report

Dear Mr. Wolfe:

This letter and Annual Report with attachments is submitted by City of Half Moon Bay pursuant to Permit Provision C.17.a of the Municipal Regional Stormwater NPDES Permit (MRP), Order R2-2015-0049, NPDES Permit No CAS612008 issued by the San Francisco Bay Regional Water Quality Control Board. The Annual Report provides documentation of compliance activities conducted during FY 2017/18 and related accomplishments.

Please contact me at (650) 726-8251 regarding any questions or concerns.

Very truly yours,

Maziar Bozorginia  
City Engineer

**CITY OF HALF MOON BAY  
FY 2017/18 ANNUAL REPORT**

**Certification Statement**

"I certify, under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted, is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

**Signature of Duly Authorized Representative:**

  
Maziar Bozorginia, City Engineer

9/24/18  
Date

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Section 1 – Permittee Information

Background Information			
<b>Permittee Name:</b>	City of Half Moon Bay		
<b>Population:</b>	12, 870 (estimated July 1, 2017 by United States Census Bureau)		
<b>NPDES Permit No.:</b>	CAS612008		
<b>Order Number:</b>	R2-2015-0049		
<b>Reporting Time Period (month/year):</b>	July 2017 through June 2018		
<b>Name of the Responsible Authority:</b>	Maziar Bozorginia	<b>Title:</b>	City Engineer
<b>Mailing Address:</b>	501 Main Street		
<b>City:</b>	Half Moon Bay	<b>Zip Code:</b>	94019
		<b>County:</b>	San Mateo
<b>Telephone Number:</b>	(650) 726-8251	<b>Fax Number:</b>	NA
<b>E-mail Address:</b>	<a href="mailto:mbozorginia@hmbcity.com">mbozorginia@hmbcity.com</a>		
<b>Name of the Designated Stormwater Management Program Contact (if different from above):</b>	Maziar Bozorginia	<b>Title:</b>	City Engineer
<b>Department:</b>	Public Works/Engineering		
<b>Mailing Address:</b>	Maziar Bozorginia		
<b>City:</b>	Half Moon Bay	<b>Zip Code:</b>	94019
		<b>County:</b>	San Mateo
<b>Telephone Number:</b>	(650) 726-8251	<b>Fax Number:</b>	NA
<b>E-mail Address:</b>	<a href="mailto:mbozorginia@hmbcity.com">mbozorginia@hmbcity.com</a>		

Section 2 - Provision C.2 Reporting Municipal Operations

**Program Highlights and Evaluation**

Highlight/summarize activities for reporting year:

Summary:

1. City maintenance staff participates in the SMCWPPP Municipal Maintenance Subcommittee.
2. The City regularly maintains and inspects the City's Corporation Yard.
3. City staff screens for illicit discharges when conducting storm drain inlet cleaning.
4. The City regularly inspects storm drain inlet markers ("No Dumping – Drains to Ocean") when performing storm drain inlet cleaning and replaces damaged or missing markers as needed.
5. The City conducts regular street sweeping and provides ongoing litter and debris pickup at City parks and facilities.
6. The City contracts with Presidio Systems, Inc. to clean all storm drain catch basins within the City, including those with trash capture devices.
7. The City uses the "Small Full Trash Capture Device Operation and Maintenance Standard Operating Procedures" developed by SMCWPPP (available on the [www.flowstobay.org](http://www.flowstobay.org) website), including the Small Trash Capture Device Inspection Tracking Form.
8. Please refer to the C.2 Municipal Operations section of the SMCWPPP FY 17-18 Annual Report for a description of activities implemented at the countywide and/or regional level.

**C.2.a. ► Street and Road Repair and Maintenance**

Place a **Y** in the boxes next to activities where applicable BMPs were implemented. If not applicable, type **NA** in the box and provide an explanation in the comments section below. Place an **N** in the boxes next to activities where applicable BMPs were not implemented for one or more of these activities during the reporting fiscal year, then in the comments section below provide an explanation of when BMPs were not implemented and the corrective actions taken.

Y	Control of debris and waste materials during road and parking lot installation, repaving or repair maintenance activities from polluting stormwater
Y	Control of concrete slurry and wastewater, asphalt, pavement cutting, and other street and road maintenance materials and wastewater from discharging to storm drains from work sites.
Y	Sweeping and/or vacuuming and other dry methods to remove debris, concrete, or sediment residues from work sites upon completion of work.

Comments:

As part of the City's new solidwaste agreement, a 10-year term, the City streets are swept by Republic Services. Downtown streets are swept weekly and residential streets are swept once a month.

**C.2.b. ► Sidewalk/Plaza Maintenance and Pavement Washing**

Place a **Y** in the boxes next to activities where applicable BMPs were implemented. If not applicable, type **NA** in the box and provide an explanation in the comments section below. Place an **N** in the boxes next to activities where applicable BMPs were not implemented for one or more of these activities during the reporting fiscal year, then in the comments section below provide an explanation of when BMPs were not implemented and the corrective actions taken.

Y	Control of wash water from pavement washing, mobile cleaning, pressure wash operations at parking lots, garages, trash areas, gas station fueling areas, and sidewalk and plaza cleaning activities from polluting stormwater
Y	Implementation of the BASMAA Mobile Surface Cleaner Program BMPs

Comments:  
 NA

**C.2.c. ► Bridge and Structure Maintenance and Graffiti Removal**

Place a **Y** in the boxes next to activities where applicable BMPs were implemented. If not applicable, type **NA** in the box and provide an explanation in the comments section below. Place an **N** in the boxes next to activities where applicable BMPs were not implemented for one or more of these activities during the reporting fiscal year, then in the comments section below provide an explanation of when BMPs were not implemented and the corrective actions taken.

Y	Control of discharges from bridge and structural maintenance activities directly over water or into storm drains
Y	Control of discharges from graffiti removal activities
Y	Proper disposal for wastes generated from bridge and structure maintenance and graffiti removal activities
Y	Implementation of the BASMAA Mobile Surface Cleaner Program BMPs for graffiti removal
Y	Employee training on proper capture and disposal methods for wastes generated from bridge and structural maintenance and graffiti removal activities.
NA	Contract specifications requiring proper capture and disposal methods for wastes generated from bridge and structural maintenance and graffiti removal activities.

Comments:

Graffiti abatement is done by municipal staff as stated above and not contracted out. Graffiti abatement is also performed by citizens during the "Wavecrest Workday" events sponsored by the Coastside Land Trust, but not by a method that threatens water quality (mud is mixed with water and applied to trees affected by graffiti; when the mud dries, it takes the paint with it and falls off the tree; the mud is later collected at the next cleanup event and disposed of).

C.2.e. ► Rural Public Works Construction and Maintenance	
Does your municipality own/maintain rural <sup>1</sup> roads:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
If your answer is <b>No</b> then skip to <b>C.2.f.</b>	
Place a <b>Y</b> in the boxes next to activities where applicable BMPs were implemented. If not applicable, type <b>NA</b> in the box and provide an explanation in the comments section below. Place an <b>N</b> in the boxes next to activities where applicable BMPs were not implemented for one or more of these activities during the reporting fiscal year, then in the comments section below provide an explanation of when BMPs were not implemented and the corrective actions taken.	
<input type="checkbox"/> Y	Control of road-related erosion and sediment transport from road design, construction, maintenance, and repairs in rural areas
<input type="checkbox"/> Y	Identification and prioritization of rural road maintenance based on soil erosion potential, slope steepness, and stream habitat resources
<input type="checkbox"/> NA	No impact to creek functions including migratory fish passage during construction of roads and culverts
<input type="checkbox"/> Y	Inspection of rural roads for structural integrity and prevention of impact on water quality
<input type="checkbox"/> Y	Maintenance of rural roads adjacent to streams and riparian habitat to reduce erosion, replace damaging shotgun culverts and excessive erosion
<input type="checkbox"/> Y	Re-grading of unpaved rural roads to slope outward where consistent with road engineering safety standards, and installation of water bars as appropriate
<input type="checkbox"/> NA	Inclusion of measures to reduce erosion, provide fish passage, and maintain natural stream geomorphology when replacing culverts or design of new culverts or bridge crossings
Comments including listing increased maintenance in priority areas:  No creeks/waterways are located in the immediate vicinity of the rural road. There was no construction activity near live creeks or streams and no impact to migration or stream and riparian habitat. The City conducts routine ditch maintenance, including clearing of weeds and debris, annually prior to the wet season. Routine ditch maintenance during the reporting FY 17-18 throughout the City was permitted under the Streambed Alteration Agreement obtained through the California Department of Fish and Wildlife and was performed with a biologist onsite to check for endangered or protected wildlife species.	

<sup>1</sup>Rural means any watershed or portion thereof that is developed with large lot home-sites, such as one acre or larger, or with primarily agricultural, grazing or open space uses.

<b>C.2.f. ► Corporation Yard BMP Implementation</b>				
Place an <b>X</b> in the boxes below that apply to your corporations yard(s):				
<input type="checkbox"/>	We do not have a corporation yard			
<input type="checkbox"/>	Our corporation yard is a filed NOI facility and regulated by the California State Industrial Stormwater NPDES General Permit			
<input checked="" type="checkbox"/>	We have a <b>Stormwater Pollution Prevention Plan (SWPPP)</b> for the Corporation Yard(s)			
Place an <b>X</b> in the boxes below next to implemented SWPPP BMPs to indicate that these BMPs were implemented in applicable instances. If not applicable, type <b>NA</b> in the box. If one or more of the BMPs were not adequately implemented during the reporting fiscal year then indicate so and explain in the comments section below:				
<input type="checkbox"/>	Control of pollutant discharges to storm drains such as wash waters from cleaning vehicles and equipment			
<input checked="" type="checkbox"/>	Routine inspection prior to the rainy seasons of corporation yard(s) to ensure non-stormwater discharges have not entered the storm drain system			
<input type="checkbox"/>	Containment of all vehicle and equipment wash areas through plumbing to sanitary or another collection method			
<input checked="" type="checkbox"/>	Use of dry cleanup methods when cleaning debris and spills from corporation yard(s) or collection of all wash water and disposing of wash water to sanitary or other location where it does not impact surface or groundwater when wet cleanup methods are used			
<input checked="" type="checkbox"/>	Cover and/or berm outdoor storage areas containing waste pollutants			
Comments: 1) Washing, maintenance, and fueling of vehicles and equipment does not occur onsite. 2) No hazardous materials or wastes are stored in outdoor areas. 3) The Corporation Yard does not have a closed storm drain system (surface drainage only). *An inspection between September 1 <sup>st</sup> through 30 <sup>th</sup> was not performed; however, an inspection as conducted immediate after understanding that one was not done during the required timeframe.				
If you have a corporation yard(s) that is not an NOI facility, complete the following table for inspection results for your corporation yard(s) or attach a summary including the following information:				
Corporation Yard Name	Corp Yard Activities w/ site-specific SWPPP BMPs	Inspection Date <sup>2</sup>	Inspection Findings/Results	Date and Description of Follow-up and/or Corrective Actions
HMB City Corp Yard 880 Stone Pine Road Half Moon Bay, CA	The City's corp yard activities includes: • General housekeeping	October 10, 2017*	Inspection findings and results show that the corporation yard is in compliance.	No follow-up inspections were necessary.

<sup>2</sup> Minimum inspection frequency is once a year during September.

C.2.f. ► Corporation Yard BMP Implementation				
	<ul style="list-style-type: none"><li>• Municipal vehicle, heavy equipment, and employee parking</li><li>• Waste and recycling storage</li><li>• Outdoor materials storage</li></ul>			

**Section 3 - Provision C.3 Reporting New Development and Redevelopment**

**C.3.b.iv.(2) ► Regulated Projects Reporting**

See the attached table **C.3.b.iv.(2)**.

**C.3.e.iv. ► Alternative or In-Lieu Compliance with Provision C.3.c.**

Is your agency choosing to require 100% LID treatment onsite for all Regulated Projects and not allow alternative compliance under Provision C.3.e.?	<input type="checkbox"/>	<b>Yes</b>	<input checked="" type="checkbox"/>	<b>No</b>
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Comments (optional):  
 The City would review Regulated Projects' planned use of alternative compliance on a case-by-case basis. To date, no approved Regulated Projects have elected to use alternative compliance.

**C.3.e.v ► Special Projects Reporting**

1. In FY 2017-18, has your agency received, but not yet granted final discretionary approval of, a development permit application for a project that has been identified as a potential Special Project based on criteria listed in MRP Provision C.3.e.ii.(2) for any of the three categories of Special Projects (Categories A, B or C)?	<input type="checkbox"/>	<b>Yes</b>	<input checked="" type="checkbox"/>	<b>No</b>
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2. In FY 2017-18, has your agency granted final discretionary approval to a Special Project? If yes, include the project in both the <b>C.3.b.iv.(2)</b> Table, and the <b>C.3.e.v.</b> Table.	<input type="checkbox"/>	<b>Yes</b>	<input checked="" type="checkbox"/>	<b>No</b>
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No Special Projects to report.

If you answered "Yes" to either question,

- 1) Complete Table C.3.e.v.
- 2) Attach narrative discussion of 100% LID Feasibility or Infeasibility for each project.

**C.3.h.v.(2) ► Reporting Newly Installed Stormwater Treatment Systems and HM Controls (Optional)**

On an annual basis, before the wet season, provide a list of newly installed (installed within the reporting year) stormwater treatment systems and HM controls to the local mosquito and vector control agency and the Water Board. The list shall include the facility locations and a description of the stormwater treatment measures and HM controls installed.

NA. There were no newly installed Stormwater Treatment Systems/HM Controls in FY 17-18.

**C.3.h.v.(3)(a) –(c) and (f) ► Installed Stormwater Treatment Systems Operation and Maintenance Verification Inspection Program Reporting**

Site Inspections Data	Number/Percentage
Total number of Regulated Projects (including offsite projects, and Regional Projects) in your agency's database or tabular format at the end of the previous fiscal year (FY16-17)	6
Total number of Regulated Projects (including offsite projects, and Regional Projects) in your agency's database or tabular format at the end of the reporting period (FY 17-18)	7
Total number of Regulated Projects (including offsite projects, and Regional Projects) for which O&M verification inspections were conducted during the reporting period (FY 17-18)	2
Percentage of the total number of Regulated Projects (including offsite projects, and Regional Projects) inspected during the reporting period (FY 17-18)	33% <sup>3</sup>

<sup>3</sup> Based on the number of Regulated Projects in the database or tabular format at the end of the previous fiscal year, per MRP Provision C.3.h.ii.(6)(b).

**C.3.h.v.(3)(d)-(e) ► Installed Stormwater Treatment Systems Operation and Maintenance Verification Inspection Program Reporting**

Provide a discussion of the inspection findings for the year and any common problems encountered with various types of treatment systems and/or HM controls. This discussion should include a general comparison to the inspection findings from the previous year.

Summary:  
 The two out of the eight regulated project sites: Coastside Senior Housing and the Fire Department Training Lot, in the City's O&M database at the end of the FY 17-18 were found to have stormwater control measures in good working order, similar in previous years' inspections. The two regulated sites were inspected this year had minor deficiencies, including vegetation overgrowth which obstructed flow at the overflow inlets, minor amounts of trash or debris, and in the case of one site, standing water in the inlets. All identified issues were corrected by the property owners in a timely manner. For vault-based systems, City staff inspects the site, and collects a third-party inspection report detailing the inspection date, condition of the vault unit, and whether cleaning was performed.

Provide a discussion of the effectiveness of the O&M Program and any proposed changes to improve the O&M Program (e.g., changes in prioritization plan or frequency of O&M inspections, other changes to improve effectiveness program).

Summary:  
 The O&M program is highly effective in ensuring that stormwater control measures on regulated projects are properly maintained. This year, the City visited only two out of the eight sites listed in the City's O&M database but will inspect the remaining sites in the upcoming fiscal year. Regular inspections reinforce contact with the onsite responsible party, and lead to better maintenance and therefore performance of the measures.

**C.3.h.v.(4) ► Enforcement Response Plan**

Does your agency have an Enforcement Response Plan for all O&M inspections of stormwater treatment measures?  Yes  No

If No, explain:  
 NA

**C.3.i. ► Required Site Design Measures for Small Projects and Detached Single Family Home Projects**

On an annual basis, discuss the implementation of the requirements of Provision C.3.i, including ordinance revisions, permit conditions, development of standard specifications and/or guidance materials, and staff training.

Summary:

BASMAA prepared standard specifications in four fact sheets regarding the site design measures listed in Provision C.3.i, as a resource for Permittees. We have modified local ordinances/policies/procedures and forms/checklists to require all applicable projects approved after December 1, 2012 to implement at least one of the site design measures listed in Provision C.3.i.

**C.3.j.i.(5)(d) ► Green Infrastructure Outreach**

On an annual basis, provide a summary of your agency's outreach and education efforts pertaining to Green Infrastructure planning and implementation.

Summary:

An MRP/NPDES Compliance presentation was presented to the October 17, 2017 City Council meeting by CSG Consultants, Inc. In addition to an overview of the MRP, Green Infrastructure (GI) was presented and discussed informing the City Council that the GI Plan is required to be developed by September 2019. The City has a Consultant under contract to develop the GI Plan and Staff meets on a quarterly basis with the Consultant to discuss tasks needed to complete the GI Plan.

Please refer to the SMCWPPP FY 17-18 Annual Report for a summary of outreach efforts implemented at the countywide level.

**C.3.j.ii.(2) ► Early Implementation of Green Infrastructure Projects**

On an annual basis, submit a list of green infrastructure projects, public and private, that are already planned for implementation during the permit term and infrastructure projects planned for implementation during the permit term that have potential for green infrastructure measures. Include the following information:

- A summary of planning or implementation status for each public and private green infrastructure project that is not also a Regulated Project as defined in Provision C.3.b.ii. (see C.3.j.ii.(2) Table B - Planned Green Infrastructure Projects).
- A summary of how each public infrastructure project with green infrastructure potential will include green infrastructure measures to the maximum extent practicable during the permit term. For any public infrastructure project where implementation of green infrastructure measures is not practicable, submit a brief description of the project and the reasons green infrastructure measures were impracticable to implement (see C.3.j.ii.(2) Table A - Public Projects Reviewed for Green Infrastructure).

**C.3.j.ii.(2) ▶ Early Implementation of Green Infrastructure Projects**

Background Information:

Describe how this provision is being implemented by your agency, including the process used by your agency to identify projects with potential for green infrastructure, if applicable.

Potential GI projects are discussed as part of the quarterly meetings between Staff and the Consultants. The City utilizes the BASMAA guidance to identify and review potential green infrastructure projects.

Summary of Planning or Implementation Status of Identified Projects:

See attached Tables C.3.j.ii.(2)-A and C.3.j.ii.(2)-B for the required information.

**C.3.j.iii.(2) ▶ Participate in Processes to Promote Green Infrastructure**

On an annual basis, report on the goals and outcomes during the reporting year of work undertaken to participate in processes to promote green infrastructure.

Please refer to the SMCWPPP FY 17-18 Annual Report for a summary of efforts conducted to help regional, State, and federal agencies plan, design and fund incorporation of green infrastructure measures into local infrastructure projects, including transportation projects.

**C.3.j.iv.(2) ▶ Tracking and Reporting Progress**

On an annual basis, report progress on development and implementation of methods to track and report implementation of green infrastructure measures and provide reasonable assurance that wasteload allocations for TMDLs are being met.

Please refer to the SMCWPPP FY 17-18 Annual Report for a summary of methods being developed to track and report implementation of green infrastructure measures.

**C.3.b.iv.(2) ► Regulated Projects Reporting Table (part 1) – Projects Approved During the Fiscal Year Reporting Period**

Project Name Project No.	Project Location <sup>4</sup> , Street Address	Name of Developer	Project Phase No. <sup>5</sup>	Project Type & Description <sup>6</sup>	Project Watershed <sup>7</sup>	Total Site Area (Acres)	Total Area of Land Disturbed (Acres)	Total New Impervious Surface Area (ft <sup>2</sup> ) <sup>8</sup>	Total Replaced Impervious Surface Area (ft <sup>2</sup> ) <sup>9</sup>	Total Pre- Project Impervious Surface Area <sup>10</sup> (ft <sup>2</sup> )	Total Post- Project Impervious Surface Area <sup>11</sup> (ft <sup>2</sup> )
<b>Private Projects</b>											
Creekside	320 Church Street (APN 056-150-010, 056-150-120)	Cameron Jeffs	1 (Next steps are Final Subdivision Map, then CDPs for residential developments)	CDP, Tentative Subdivision Map, Lot Line Adjustment, Use Permit for 12 new residential lots and associated site improvements	CalWater Hydrologic Area (Pilarcitos Creek sub-basin)	5.5	Approx. 0.2	Approx. 2 acres of approved net developable area (including drainage and park space)	NA	NA	Approx. 2 acres of approved net developable area (including drainage and park space)
<b>Public Projects</b>											
NA											
Comments: NA											

<sup>4</sup>Include cross streets

<sup>5</sup>If a project is being constructed in phases, indicate the phase number and use a separate row entry for each phase. If not, enter "NA".

<sup>6</sup>Project Type is the type of development (i.e., new and/or redevelopment). Example descriptions of development are: 5-story office building, residential with 160 single-family homes with five 4-story buildings to contain 200 condominiums, 100 unit 2-story shopping mall, mixed use retail and residential development (apartments), industrial warehouse.

<sup>7</sup>State the watershed(s) in which the Regulated Project is located. Downstream watershed(s) may be included, but this is optional.

<sup>8</sup>All impervious surfaces added to any area of the site that was previously existing pervious surface.

<sup>9</sup>All impervious surfaces added to any area of the site that was previously existing impervious surface.

<sup>10</sup>For redevelopment projects, state the pre-project impervious surface area.

<sup>11</sup>For redevelopment projects, state the post-project impervious surface area.

**C.3.b.iv.(2) ► Regulated Projects Reporting Table (part 2) –  
 Projects Approved During the Fiscal Year Reporting Period  
 (private projects)**

Project Name Project No.	Application Deemed Complete Date <sup>12</sup>	Application Final Approval Date <sup>13</sup>	Source Control Measures <sup>14</sup>	Site Design Measures <sup>15</sup>	Treatment Systems Approved <sup>16</sup>	Type of Operation & Maintenance Responsibility Mechanism <sup>17</sup>	Hydraulic Sizing Criteria <sup>18</sup>	Alternative Compliance Measures <sup>19/20</sup>	Alternative Certification <sup>21</sup>	HM Controls <sup>22/23</sup>
<b>Private Projects</b>										
Creekside	9/19/2017	11/07/2017	PENDING	Open space conservati on area in riparian buffer, 100-year flood area setbacks	On-site detention basin (10-year storm design); design-level drainage study and final SWPPP required in next phases	TBD	TBD	NA	NA	NA

<sup>12</sup>For private projects, state project application deemed complete date. If the project did not go through discretionary review, report the building permit issuance date.

<sup>13</sup>For private projects, state project application final discretionary approval date. If the project did not go through discretionary review, report the building permit issuance date.

<sup>14</sup>List source control measures approved for the project. Examples include: properly designed trash storage areas; storm drain stenciling or signage; efficient landscape irrigation systems; etc.

<sup>15</sup>List site design measures approved for the project. Examples include: minimize impervious surfaces; conserve natural areas, including existing trees or other vegetation, and soils; construct sidewalks, walkways, and/or patios with permeable surfaces, etc.

<sup>16</sup>List all approved stormwater treatment system(s) to be installed onsite or at a joint stormwater treatment facility (e.g., flow through planter, bioretention facility, infiltration basin, etc.).

<sup>17</sup>List the legal mechanism(s) (e.g., O&M agreement with private landowner; O&M agreement with homeowners' association; O&M by public entity, etc...) that have been or will be used to assign responsibility for the maintenance of the post-construction stormwater treatment systems.

<sup>18</sup>See Provision C.3.d.i. "Numeric Sizing Criteria for Stormwater Treatment Systems" for list of hydraulic sizing design criteria. Enter the corresponding provision number of the appropriate criterion (i.e., 1.a., 1.b., 2.a., 2.b., 2.c., or 3).

<sup>19</sup>For Alternative Compliance at an offsite location in accordance with Provision C.3.e.i.(1), on a separate page, give a discussion of the alternative compliance site including the information specified in Provision C.3.b.v.(1)(m)(i) for the offsite project.

<sup>20</sup>For Alternative Compliance by paying in-lieu fees in accordance with Provision C.3.e.i.(2), on a separate page, provide the information specified in Provision C.3.b.v.(1)(m)(ii) for the Regional Project.

<sup>21</sup>Note whether a third party was used to certify the project design complies with Provision C.3.d.

<sup>22</sup>If HM control is not required, state why not.

<sup>23</sup>If HM control is required, state control method used (e.g., method to design and size device(s) or method(s) used to meet the HM Standard, and description of device(s) or method(s) used, such as detention basin(s), bioretention unit(s), regional detention basin, or in-stream control).

**C.3.b.iv.(2) ► Regulated Projects Reporting Table (part 2) –  
 Projects Approved During the Fiscal Year Reporting Period  
 (public projects)**

Project Name Project No.	Approval Date <sup>24</sup>	Date Construction Scheduled to Begin	Source Control Measures <sup>25</sup>	Site Design Measures <sup>26</sup>	Treatment Systems Approved <sup>27</sup>	Operation & Maintenance Responsibility Mechanism <sup>28</sup>	Hydraulic Sizing Criteria <sup>29</sup>	Alternative Compliance Measures <sup>30/31</sup>	Alternative Certification <sup>32</sup>	HM Controls <sup>33/34</sup>
<b>Public Projects</b>										
NA										
Comments: NA										

<sup>24</sup>For public projects, enter the plans and specifications approval date.

<sup>25</sup>List source control measures approved for the project. Examples include: properly designed trash storage areas; storm drain stenciling or signage; efficient landscape irrigation systems; etc.

<sup>26</sup>List site design measures approved for the project. Examples include: minimize impervious surfaces; conserve natural areas, including existing trees or other vegetation, and soils; construct sidewalks, walkways, and/or patios with permeable surfaces, etc.

<sup>27</sup>List all approved stormwater treatment system(s) to be installed onsite or at a joint stormwater treatment facility (e.g., flow through planter, bioretention facility, infiltration basin, etc.).

<sup>28</sup>List the legal mechanism(s) (e.g., maintenance plan for O&M by public entity, etc.) that have been or will be used to assign responsibility for the maintenance of the post-construction stormwater treatment systems.

<sup>29</sup>See Provision C.3.d.i. "Numeric Sizing Criteria for Stormwater Treatment Systems" for list of hydraulic sizing design criteria. Enter the corresponding provision number of the appropriate criterion (i.e., 1.a., 1.b., 2.a., 2.b., 2.c., or 3).

<sup>30</sup>For Alternative Compliance at an offsite location in accordance with Provision C.3.e.i.(1), on a separate page, give a discussion of the alternative compliance site including the information specified in Provision C.3.b.v.(1)(m)(i) for the offsite project.

<sup>31</sup>For Alternative Compliance by paying in-lieu fees in accordance with Provision C.3.e.i.(2), on a separate page, provide the information specified in Provision C.3.b.v.(1)(m)(ii) for the Regional Project.

<sup>32</sup>Note whether a third party was used to certify the project design complies with Provision C.3.d.

<sup>33</sup>If HM control is not required, state why not.

<sup>34</sup>If HM control is required, state control method used (e.g., method to design and size device(s) or method(s) used to meet the HM Standard, and description of device(s) or method(s) used, such as detention basin(s), bioretention unit(s), regional detention basin, or in-stream control).

**C.3.h.v.(2). ► Table of Newly Installed<sup>35</sup> Stormwater Treatment Systems and Hydromodification Management (HM) Controls (Optional)**

Fill in table below or attach your own table including the same information.

Name of Facility	Address of Facility	Party Responsible <sup>36</sup> For Maintenance	Type of Treatment/HM Control(s)
Pacific Ridge – Phase 1*	Terrace Ave	City	CDS Unit

\*This project pre-dates C.3 requirements. The vesting tentative map was approved in 1990 and the final map was approved in 2011.

<sup>35</sup> "Newly Installed" includes those facilities for which the final installation inspection was performed during this reporting year.

<sup>36</sup>State the responsible operator for installed stormwater treatment systems and HM controls.

C.3.e.v.Special Projects Reporting Table												
Reporting Period – July 1 2017 - June 30, 2018												
Project Name & No.	Permittee	Address	Application Submittal Date <sup>37</sup>	Status <sup>38</sup>	Description <sup>39</sup>	Site Total Acreage	Gross Density DU/Acre	Density FAR	Special Project Category <sup>40</sup>	LID Treatment Reduction Credit Available <sup>41</sup>	List of LID Stormwater Treatment Systems <sup>42</sup>	List of Non-LID Stormwater Treatment Systems <sup>43</sup>
NA	NA	NA	NA	NA	NA	NA	NA	NA	Category A: Category B: Category C: Location: Density: Parking:  NA	Category A: Category B: Category C: Location: Density: Parking:  NA	NA	NA

<sup>37</sup>Date that a planning application for the Special Project was submitted.

<sup>38</sup> Indicate whether final discretionary approval is still pending or has been granted, and provide the date or version of the project plans upon which reporting is based.

<sup>39</sup>Type of project (commercial, mixed-use, residential), number of floors, number of units, type of parking, and other relevant information.

<sup>40</sup> For each applicable Special Project Category, list the specific criteria applied to determine applicability. For each non-applicable Special Project Category, indicate n/a.

<sup>41</sup>For each applicable Special Project Category, state the maximum total LID Treatment Reduction Credit available. For Category C Special Projects also list the individual Location, Density, and Minimized Surface Parking Credits available.

<sup>42</sup>: List all LID stormwater treatment systems proposed. For each type, indicate the percentage of the total amount of runoff identified in Provision C.3.d. for the Special Project's drainage area.

<sup>43</sup>List all non-LID stormwater treatment systems proposed. For each type of non-LID treatment system, indicate: (1) the percentage of the total amount of runoff identified in Provision C.3.d. for the Special Project's drainage area, and (2) whether the treatment system either meets minimum design criteria published by a government agency, or received certification issued by a government agency, and reference the applicable criteria or certification.

**Special Projects Narrative**

NA

**C.3.j.ii.(2) ► Table A - Public Projects Reviewed for Green Infrastructure**

Project Name and Location <sup>44</sup>	Project Description	Status <sup>45</sup>	GI Included? <sup>46</sup>	Description of GI Measures Considered and/or Proposed or Why GI is Impracticable to Implement <sup>47</sup>
Poplar Street Complete Street Project	Design and improvement of Poplar Avenue includes improved pedestrian/bicycle access and drainage	Project scoping	TBD	Various LID measures will be considered, including bioretention areas.
Kelly/SR 1 intersection improvement	Pedestrian, circulation and drainage improvements at Highway 1 and Kelly Avenue.	Design	Yes	The project will likely include a bioretention area.
Kehoe Ditch Implementation--Pilarcitos to Frontage Road	Design and consultation with agencies to address hydraulic and hydraulic issues within the lower watershed	Not started	TBD	Various LID measures will be considered, including bioretention areas.
Seymour Ditch Erosion Repair	Assessment of the Seymour Drainage, consultation with resource agencies and adjacent property owners, analysis of alternatives, design of preferred alternatives, permitting for the preferred alternative and construction	Beginning planning and design phase	TBD	The project will include wetlands restoration and some new storm drain piping. Opportunities for GI measures will be considered during project design.
Smith Field Tot Lot	Design, preparation of bid documents and construction of a new Tot Lot	Project on hold	TBD	Various LID measures will be considered, including bioretention areas.
Smith Field T-Ball Field	Completing environmental studies, securing required permits and constructing the	Project on hold	TBD	Various LID measures will be considered, including bioretention areas.

<sup>44</sup> List each public project that is going through your agency's process for identifying projects with green infrastructure potential.

<sup>45</sup> Indicate status of project, such as: beginning design, under design (or X% design), projected completion date, completed final design date, etc.

<sup>46</sup> Enter "Yes" if project will include GI measures, "No" if GI measures are impracticable to implement, or "TBD" if this has not yet been determined.

<sup>47</sup> Provide a summary of how each public infrastructure project with green infrastructure potential will include green infrastructure measures to the maximum extent practicable during the permit term. If review of the project indicates that implementation of green infrastructure measures is not practicable, provide the reasons why green infrastructure measures are impracticable to implement.

**C.3.j.ii.(2) ► Table A - Public Projects Reviewed for Green Infrastructure**

	park and drainage improvements			
Naomi Patridge Trail Extension	Extension of the Naomi Patridge Trail from Wavecrest Road to Miramontes Point Road.	Project on hold	TBD	Various LID measures will be considered, including bioretention areas.
Ocean Colony Trail Repair North	Design and construction for major rehabilitation of the existing path	Project on hold	TBD	Various LID measures will be considered, including bioretention areas.
City Parking Lots Reconstruction	Repair and rehabilitation of City-owned parking lots	Design phase	No	After further review, this project does not have GI potential. The parking lot repairs are minor and for maintenance purposes, therefore opportunities for GI within the project scope are limited.
New Magnolia/Seymour Park	Converting an existing vacant lot into a new neighborhood park	Currently unfunded	TBD	Too early to assess. The project will be assessed for GI potential in the future.
Walkway Extension from Cameron's to Smith Field	Provide an all-weather use walkway along Wavecrest Road to Smith Field Park	Currently unfunded	TBD	Too early to assess. The project will be assessed for GI potential in the future.
Kelly Avenue Complete Street	Design and improvement of Kelly Avenue; improve pedestrian/bicycle access and drainage	Currently unfunded	TBD	Too early to assess. The project will be assessed for GI potential in the future.
Hwy 1/S. Main Signalization Project	Minimization of impervious surface to accommodate vehicular safety; conservation of natural areas where possible	Design phase	TBD	The project is approved to install biotreatment areas.

<b>C.3.j.ii.(2) ► Table B - Planned and/or Completed Green Infrastructure Projects</b>			
<b>Project Name and Location<sup>48</sup></b>	<b>Project Description</b>	<b>Planning or Implementation Status</b>	<b>Green Infrastructure Measures Included</b>
Half Moon Bay Library	Construction of approximately 22,000 square foot two-story library with parking, landscaping and off-site improvements.	Construction completed August 2018	The project has incorporated stormwater treatment areas which include lined bioretention areas and flow through planters. The project has also replaced some concrete pavement with permeable pavers.
Correas Street Reconstruction Between Main and Church	Construction of new bulb-outs with accessible ramps, biotreatment areas, curb and gutter, sidewalk, paving, crosswalks, striping, and signage.	Construction commenced July 25, 2018 and to be completed within 45 days.	The project installed biotreatment areas within the bulb outs.
Skateboard Plaza 535 Kelly Avenue	Construction of a new permanent Skateboard Park adjacent to the Ted Adcock Community Center. Replacement of the Ted Adcock Center roof.	Completed in November, 2016	The project installed bioretention areas, which will be maintained by City staff.
Storm Drain Master Plan Implementation (Excluding Seymour and Kehoe)	Design and preparation of environmental studies and bid documents for prioritized improvements	Completed in FY 16/17	The completed Storm Drain Master Plan includes green infrastructure recommendations applicable to various areas in the City. Specific design details will be determined during the design of future storm drain improvement projects.
Storm Drain Master Plan-Phase 2	Development of a Capital Improvement Program for storm drain system deficiencies identified in the Storm Drain Master Plan, Phase I	Soon to be completed	The completed Storm Drain Master Plan includes green infrastructure recommendations applicable to various areas in the City. Specific design details will be determined during the design of future storm drain improvement projects.

<sup>48</sup> List each planned (and expected to be funded) public and private green infrastructure project that is not also a Regulated Project as defined in Provision C.3.b.ii. Note that funding for green infrastructure components may be anticipated but is not guaranteed to be available or sufficient.

**Section 4 – Provision C.4 Industrial and Commercial Site Controls**

**Program Highlights and Evaluation**

Highlight/summarize activities for reporting year:

Summary:

The County of San Mateo Health System (County Environmental Health, or CEH) notified Cities in an April 3, 2017 letter of its intent to terminate stormwater inspection agreements with the 17 Cities on December 31, 2017 due to staffing and cost concerns. As of January 1, 2018, the City is responsible for conducting all stormwater business facility inspections.

To reflect the City's current stormwater inspection program, we have conducted the following activities and updated the following materials.

- Updated the City's business stormwater inspection list in February 2018, using the City's business license list. The business stormwater inspection list will be updated again in Fall 2018.
- Updated the City's Business Inspection Plan (BIP) and Enforcement Response Plan (ERP), using templates provided by SMCWPPP.
- Conducted 25 business inspections, in addition to the 17 conducted by County Environmental Health (CEH).
- Participated in the SMCWPPP CII Subcommittee.

Refer to the C.4. Industrial and Commercial Site Controls section of the SMCWPPP FY 17-18 Annual Report for a description of countywide activities

**C.4.b.iii ► Potential Facilities List (i.e., List of All Facilities Requiring Stormwater Inspections)**

List below or attach your list of industrial and commercial facilities in your Inspection Plan to inspect that could reasonably be considered to cause or contribute to pollution of stormwater runoff.

The Potential Facilities List is attached as an Appendix A.

**C.4.d.iii.(2)(a) & (c) ► Facility Inspections**

Fill out the following table or attach a summary of the following information. Indicate your reporting methodology below.

	<input type="checkbox"/>	Permittee reports multiple discrete potential and actual discharges as one enforcement action.
	<input checked="" type="checkbox"/>	Permittee reports the total number of discrete potential and actual discharges on each site.
		<b>Number</b>
Total number of inspections conducted (C.4.d.iii.(2)(a))		48
Violations, enforcement actions, or discreet number of potential and actual discharges resolved within 10 working days or otherwise deemed resolved in a longer but still timely manner (C.4.d.iii.(2)(c))		8
Comments:		

**C.4.d.iii.(2)(a) & (c) ▶ Facility Inspections**

Between July 2017 through December 2017, CEH conducted 23 stormwater business inspections out of the 48, and they issued 2 verbal warnings and 3 warning notices based on the County's ERP.

Between January 2018 through June 2018, the City hired CSG Consultants, Inc as their third-party inspection services and conducted 25 out of 48 stormwater business inspections. 3 of the 25 sites were given a verbal warning and violations observed were corrected within 10 days. When the issues identified during C.4 inspections are not corrected within a timely manner, the City escalates enforcement until corrective actions are made in accordance with the City's Enforcement Response Plan.

The majority of enforcement actions were resolved in a timely manner. Follow-up inspections were routinely conducted within 10 days or otherwise deemed resolved in a longer, but still timely, manner, based on available resources.

\*Note that there were 3 warning notices issued by CEH which is equivalent to the City's Level 1 Written Warning.

**C.4.d.iii.(2)(b) ▶ Frequency and Type of Enforcement Conducted**

Fill out the following table or attach a summary of the following information.

	<b>Enforcement Action</b> (as listed in ERP) <sup>49</sup>	<b>Number of Enforcement Actions Taken</b>
Level 1	Verbal Warning / Written Warning	8*
Level 2	Notice of Violation	0
Level 3	Administrative Order	0
Level 4	Administrative Penalty/Legal Action	0
<b>Total</b>		<b>8</b>

**C.4.d.iii.(2)(d) ▶ Frequency of Potential and Actual Non-stormwater Discharges by Business Category**

Fill out the following table or attach a summary of the following information.

<b>Business Category<sup>50</sup></b>	<b>Number of Actual Discharges</b>	<b>Number of Potential Discharges</b>
Hazardous Materials	0	0
Food Establishments	1	7
Other	0	0

<sup>49</sup>Agencies to list specific enforcement actions as defined in their ERPs.

<sup>50</sup>List your Program's standard business categories.

**C.4.d.iii.(2)(e) ▶ Non-Filers**

List below or attach a list of the facilities required to have coverage under the Industrial General Permit but have not filed for coverage:  
 The following site may require coverage under the Industrial General Permit but does not currently have coverage:

- Firewood Farms, 551 San Mateo Road

**C.4.e.iii ▶ Staff Training Summary**

Training Name	Training Dates	Topics Covered	No. of Industrial/ Commercial Site Inspectors in Attendance	Percent of Industrial/ Commercial Site Inspectors in Attendance	No. of IDDE Inspectors in Attendance	Percent of IDDE Inspectors in Attendance
SMCWPPP Commercial/Industrial Stormwater Inspector Training Workshop	February 28, 2018	<ul style="list-style-type: none"> <li>• Municipal Regional Permit (MRP) Basics and Changes</li> <li>• Business Inspection Plan Training Requirements</li> <li>• Enforcement Response Plan Training Requirements</li> <li>• Changes to the Inspection Report</li> <li>• Case studies to various businesses: Shared trash enclosure, auto repair shop, retail facility</li> <li>• Inspector Questions</li> </ul>	2*	100%	0	0%

Comments:  
 \*Representation of contract inspectors (CSG Consultants, Inc.), who inspected facilities on behalf of City staff during the reporting FY 17-18.

Section 5 – Provision C.5 Illicit Discharge Detection and Elimination

**Program Highlights and Evaluation**  
 Highlight/summarize activities for reporting year:

Provide background information, highlights, trends, etc.

Summary:  
 The City conducted the following activities within the reporting year:

- Implementation of a storm drainage collection system screening program.
- Participation in the Commercial, Industrial and Illicit Discharge (CII) Subcommittee.
- Conducted storm water inspections at commercial facilities to detect and eliminate potential illicit discharges.
- Updated the City's Enforcement Response Plan (ERP), using templates provided by SMCWPPP.

When the City receives a report of illicit discharge or notices an illicit discharge during routine catch basin inspections, City staff immediately reports to the site and traces the illicit discharge back to its source. The City then meets with the property owner and issues enforcement actions and provides cleanup suggestions and information, as needed. After the issue is identified and logged, the City performs a follow-up inspection to confirm that the issue has been resolved.

Refer to the C.5 Illicit Discharge Detection and Elimination section of SMCWPPP FY 17-18 Annual Report for description of activities at the countywide or regional level.

**C.5.c.iii ► Complaint and Spill Response Phone Number**

Summary of any changes made during FY 17-18:  
 No change.

**C.5.d.iii.(1), (2), (3) ► Spill and Discharge Complaint Tracking**

Spill and Discharge Complaint Tracking (fill out the following table or include an attachment of the following information)

	Number
Discharges reported (C.5.d.iii.(1))	0
Discharges reaching storm drains and/or receiving waters (C.5.d.iii.(2))	0
Discharges resolved in a timely manner (C.5.d.iii.(3))	0

Comments:  
 The City did not receive any illicit discharge complaints within reporting FY 17-18.

Section 6 – Provision C.6 Construction Site Controls

<b>C.6.e.iii.(3)(a), (b), (c), (d) ▶ Site/Inspection Totals</b>			
<b>Number of active Hillside Sites (sites disturbing &lt; 1 acre of soil requiring storm water runoff quality inspection) (C.6.e.iii.3.a)</b>	<b>Number of High Priority Sites (sites disturbing &lt; 1 acre of soil requiring storm water runoff quality inspection) (C.6.e.iii. 3.c)</b>	<b>Number of sites disturbing ≥ 1 acre of soil (C.6.e.iii.3.b)</b>	<b>Total number of storm water runoff quality inspections conducted (include only Hillside Sites, High Priority Sites and sites disturbing 1 acre or more) (C.6.e.iii. 3.d)</b>
0	0	5	39
Comments: The City regularly inspects all construction sites, including those not captured by the above Provision C.6 categories.			

<b>C.6.e.iii.(3)(e) ▶ Construction Related Storm Water Enforcement Actions</b>		
	<b>Enforcement Action</b> (as listed in ERP) <sup>51</sup>	<b>Number Enforcement Actions Issued</b>
Level 1 <sup>52</sup>	Verbal Warning / Warning Notice	4
Level 2	Notice of Violation	0
Level 3	Administrative Order (Stop Work Order)	0
Level 4	Administrative Penalty / Legal Action	0
<b>Total</b>		<b>4</b>

<b>C.6.e.iii.(3)(f), ▶ Illicit Discharges</b>	
	<b>Number</b>
Number of illicit discharges, actual and those inferred through evidence at hillside sites, high priority sites and sites that disturb 1 acre or more of land (C.6.e.iii. 3.f)	0

<sup>51</sup>Agencies should list the specific enforcement actions as defined in their ERPs.

<sup>52</sup>For example, Enforcement Level 1 may be Verbal Warning.

C.6.e.iii.(3)(g) ► Corrective Actions	
Indicate your reporting methodology below.	
<input checked="" type="checkbox"/>	Permittee reports multiple discrete potential and actual discharges as one enforcement action.
<input type="checkbox"/>	Permittee reports the total number of discrete potential and actual discharges on each site.
	<b>Number</b>
<b>Enforcement actions or discrete potential and actual discharges fully corrected within 10 business days after violations are discovered</b> or otherwise considered corrected in a timely period (C.6.e.iii.(3)(g)).	4
<b>Comments:</b> All enforcement actions were followed up on by site representatives in a very timely manner. Contractors were responsive to the City's requests to correct onsite issues during the reporting year FY 17-18.	

C.6.e.iii.(4) ► Evaluation of Inspection Data
Describe your evaluation of the tracking data and data summaries and provide information on the evaluation results (e.g., data trends, typical BMP performance issues, comparisons to previous years, etc.).
Description: Although during this reporting years there were not enforcement levels exceeding a verbal warning the BMP issues identified on site were erosion and sediment control, and site management related. Last year, issues were found in the same categories, but there were far fewer violations.

C.6.e.iii.(4) ► Evaluation of Inspection Program Effectiveness
Describe what appear to be your program's strengths and weaknesses, and identify needed improvements, including education and outreach.
Description: The City does a good job of ensuring that sites on the construction tracking list were inspected each month during the wet season and ensuring that follow-up inspections were performed within 10 or fewer working days after violations were identified. Also, the City did a great job of responding quickly when the issues at one site were not corrected in escalating enforcement, if needed. Currently, the City is trying to assess opportunities to reimburse monthly inspection fees (i.e. including this cost in the cost of a grading permit), and charge sites additional fees when additional inspections are necessary. In FY 17-18, the following improvements were made to the program: <ul style="list-style-type: none"> <li>• the City updated its Enforcement Response Plan (ERP) for Provision C.6 inspections;</li> <li>• Construction Inspectors attended the training event hosted by SMCWPPP; and</li> <li>• City staff continued to participate in the SMCWPPP New Development Subcommittee and relay all applicable information to City staff.</li> </ul>

<b>C.6.f.iii ► Staff Training Summary</b>			
<b>Training Name</b>	<b>Training Dates</b>	<b>Topics Covered</b>	<b>No. of Inspectors in Attendance</b>
CALBIG Construction Stormwater Inspection Training	October 11, 2017	Review of stormwater requirements for construction sites; documenting and tracking inspections; when to take enforcement actions and when to escalated enforcement; tips for keeping your stormwater program in compliance; and mandatory/updated SMCWPPP guidelines/resources.	3
SMCWPPP Construction Stormwater Inspections Training	March 20, 2018	Construction site stormwater inspections, as well as during- and post-construction inspections of stormwater treatment controls.	1

**Section 7 – Provision C.7. Public Information and Outreach**

**C.7.b.i.1 ► Outreach Campaign**

Summarize outreach campaign. Include details such as messages, creative developed, and outreach media used. The detailed outreach campaign report may be included as an attachment. If outreach campaign is being done by participation in a countywide or regional program, refer to the separate countywide or regional Annual Report.

Summary:

See Section 7 and Section 9 of the SMCWPPP FY 17-18 Annual Report for a description of outreach campaign activities conducted at the countywide level.

**C.7.c. Stormwater Pollution Prevention Education**

No change.

**C.7.d ► Public Outreach and Citizen Involvement Events**

Describe general approach to event selection. Provide a list of outreach materials and giveaways distributed. Use the following table for reporting and evaluating public outreach events.  
 See Section 7 of the SMCWPPP FY 17-18 Annual Report for a description of public outreach and citizen involvement events activities conducted at the countywide level.

Event Details	Description (messages, audience)	Evaluation of Effectiveness
Provide event name, date, and location. Indicate if event is local, countywide or regional. Indicate if event is public outreach or citizen involvement.	Identify type of event (e.g., school fair, creek clean-up, storm drain stenciling, farmers market etc.), type of audience (school children, gardeners, homeowners etc.) and outreach messages (e.g., Enviroscene presentation, pesticides, stormwater awareness)	Provide general staff feedback on the event (e.g., success at reaching a broad spectrum of the community, well attended, good opportunity to talk to gardeners etc.). Provide other details such as: <ul style="list-style-type: none"> <li>• Success at reaching a broad spectrum of the community</li> <li>• Number of participants compared to previous years.</li> <li>• Post-event effectiveness assessment/evaluation results</li> <li>• Quantity/volume of materials cleaned up, and comparisons to previous efforts</li> </ul>
<b>Homeless Encampment Cleanup</b> Behind the Stawflower Village Shopping Center and Pilarcitos Creek May 7 through June 1, 2018	Throughout the City, the number of homeless individuals living in encampments in the City has grown, creating concerns for both health and safety, and the environment. Many of the encampments have been established in designated Environmentally Sensitive Habitat Areas (ESHA) adjacent to and within the Pilarcitos Creek. Joint efforts between the City, San Mateo County, and local nonprofit organizations to assist the homeless to get rid of excess materials, debris and trash. Biologist consultants were hired to evaluate the area and identify needs for restoration. After the encampment was officially closed, a contractor was hired to tear down the	This is a pilot program that's effective and meets the various goals of providing support services to the homeless and in cleaning up the ESHA and creek areas. Approximately 400 cubic yards of trash were collected during this event.

<b>C.7.d ► Public Outreach and Citizen Involvement Events</b>		
<p>Describe general approach to event selection. Provide a list of outreach materials and giveaways distributed. Use the following table for reporting and evaluating public outreach events.            See Section 7 of the SMCWPPP FY 17-18 Annual Report for a description of public outreach and citizen involvement events activities conducted at the countywide level.</p>		
	<p>encampment with, makeshift buildings and small structures scattered along the Pilarcitos Creek.</p>	
<p><b>Coastal Cleanup Day</b>            Dunes Beach, Pillar Point Harbor, Poplar Beach, Tunitas Creek Beach            Regional and Local Event            Saturday, September 16, 2017</p>	<p>Similar cleanup events were held at over 30 locations throughout San Mateo County on this day (9am to noon). The City of Half Moon Bay assists in this event by providing trash and recycling bags, and by picking up the trash collected at the end of the day.</p>	<p>This is an annual event that is very effective in education and community involvement, and trash reduction. The number of volunteers, trash and recyclables collected, greenwaste and cigarette butts collected is not available specifically for City of Half Moon Bay; however, refer to the SMCWPPP FY17-18 annual report for data. Volunteers brought one or more reusable item from to use during the cleanup, which lessened the trash bag to provide during the cleanup.</p>
<p><b>Coastal Clean-Up Team</b>            Coastal Trail (Seymour Bridge to Kelly Ave)            The Beaches (Seymour Bluff to Kelly Ave)            Peak Season: April 1<sup>st</sup> through October 31<sup>st</sup>            Off Season: November 1<sup>st</sup> through March 31<sup>st</sup></p>	<p>The City contracted with Abundant Grace, a non-profit organization) to provide Coastal Clean-Up Services along the Coastal Trail and the beach. These efforts are focused on picking up trash, emptying garbage cans, and removing horse manure. During peak season, clean-ups take place 3x/week for up to four hours per day (depending on need). In the off-peak season, clean-ups will take place 2x/week for up to four hours per day.</p>	<p>The program is still in the pilot phase and is scheduled to run until March 2019. Effectiveness of program will be evaluated at the end of the program.</p>
<p><b>New 10-Year Solidewaste Franchise Agreement</b>            September 25, 2017</p>	<p>The new agreement, a 10-year term, allowed for enhanced garbage, recyclable and organic waste collection services between the City and BFI Waste Systems (Republic Services). New carts were distributed: blue for recycling, green for compost and kitchen compost pails and gray for garbage. New carts include pictures</p>	<p>The new agreement is effective and allows for the community to understand the visual connection of what material goes to what receptacle. New services include organic waste and street sweeping services which weren't previously provided on the previous franchise agreement. Outreach events for compost giveaways, shred events, Household Hazardous</p>

<b>C.7.d ► Public Outreach and Citizen Involvement Events</b>		
<p>Describe general approach to event selection. Provide a list of outreach materials and giveaways distributed. Use the following table for reporting and evaluating public outreach events.</p> <p>See Section 7 of the SMCWPPP FY 17-18 Annual Report for a description of public outreach and citizen involvement events activities conducted at the countywide level.</p>		
	<p>and labels for the visual connection between garbage, recycling and compost. All collection vehicles are equipped with a remote camera that allows driver's full visual access to the field of operation to ensure safety and effectiveness. Additional services include street sweeping weekly of downtown streets and City parking lots, every other week sweeping of Lewis Foster Drive while school is in session and Monthly sweeping of all other streets.</p>	<p>Waste collection events, school tours of Ox Mountain, Poplar beach clean-ups and annual scholarship award event are part of the additional services. These additional services provide education to the community.</p>
<p><b>Coastside Land Trust Events: Wavecrest Workday</b>            Wavecrest Road            January 20, 2018</p>	<p>The Coastside Land Trust is a non-profit organization that protects urban open space on the San Mateo County Coastside by purchasing and receiving donations of land and conservation easements, which includes Half Moon Bay and various other coastal agencies.</p> <p>The event is a habitat restoration workday. Volunteers work together to remove invasive plants around the coastal trail, picking up trash and abating graffiti.</p> <p>The City provides bags and picks up full bags to dispose at the end of the event.</p>	<p>The events sponsored by the Coastside Land Trust is very effective and involves the community ranging all ages.</p>
<p><b>14<sup>th</sup> Annual Earth Day of Action and EcoFair</b>            Held by Republic Services on behalf of the City of Half Moon Bay            Cleanup sites throughout Pacifica, and from Mussel Rock, Daly City to Tunitas Creek, Half Moon Bay            April 21, 2018</p>	<p>At this event, volunteers cleaned up the shoreline in their community. The first part of the event (9am -11am), involved trash pickup on beaches, parks, and streets, as well as planting, habitat restoration, gardening, and more. In the early afternoon (11:30am – 2:30pm), there was a celebration (EcoFest) at Linda Mar State Beach, in the south parking lot.</p>	<p>(NA)</p>

**C.7.d ► Public Outreach and Citizen Involvement Events**

Describe general approach to event selection. Provide a list of outreach materials and giveaways distributed. Use the following table for reporting and evaluating public outreach events.  
 See Section 7 of the SMCWPPP FY 17-18 Annual Report for a description of public outreach and citizen involvement events activities conducted at the countywide level.

	The City is under contract with Republic Services, their waste hauler, and as part of the contract, Republic Services provides public outreach to encourage trash reduction activities.	
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**C.7.e. ► Watershed Stewardship Collaborative Efforts**

Summarize watershed stewardship collaborative efforts and/or refer to a regional report that provides details. Describe the level of effort and support given (e.g., funding only, active participation etc.). State efforts undertaken and the results of these efforts. If this activity is done regionally refer to a regional report.

Evaluate effectiveness by describing the following:

- Efforts undertaken
- Major accomplishments

Summary:

See Section 7 of the SMCWPPP FY 17-18 Annual Report for a description of watershed stewardship collaborative efforts conducted at the countywide level.

**C.7.f. ► School-Age Children Outreach**

Summarize school-age children outreach programs implemented. A detailed report may be included as an attachment. Use the following table for reporting school-age children outreach efforts.

See Section 7 of the SMCWPPP FY 17-18 Annual Report for a description of school-age children outreach efforts conducted at the countywide level.

Program Details	Focus & Short Description	Number of Students/Teachers reached	Evaluation of Effectiveness
Provide the following information: Name Grade or level (elementary/ middle/ high)	Brief description, messages, methods of outreach used	Provide number or participants	Provide agency staff feedback. Report any other evaluation methods used (quiz, teacher feedback etc.). Attach evaluation summary if applicable.
NA	NA	NA	NA

Section 9 – Provision C.9 Pesticides Toxicity Controls

<b>C.9.a. ► Implement IPM Policy or Ordinance</b>							
Is your municipality implementing its IPM Policy/Ordinance and Standard Operating Procedures?						<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
If no, explain: NA							
Report implementation of IPM BMPs by showing trends in quantities and types of pesticides used and suggest reasons for increases in use of pesticides that threaten water quality, specifically organophosphates, pyrethroids, carbamates fipronil, indoxacarb, diuron, and diamides. A separate report can be attached as evidence of your implementation.							
<b>Trends in Quantities and Types of Pesticide Active Ingredients Used<sup>53</sup></b>							
Pesticide Category and Specific Pesticide Active Ingredient Used	Amount <sup>54</sup>						
	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	
<b>Organophosphates</b>	0	0	0				
Active Ingredient Chlorpyrifos	0	0	0				
Active Ingredient Diazinon	0	0	0				
Active Ingredient Malathion	0	0	0				
<b>Pyrethroids (see footnote #57 for list of active ingredients)</b>	0	0	0				
Active Ingredient Type X	0	0	0				
Active Ingredient Type Y	0	0	0				
<b>Carbamates</b>	0	0	0				
Active Ingredient Carbaryl	0	0	0				
Active Ingredient Aldicarb	0	0	0				
<b>Fipronil</b>							

<sup>53</sup>Includes all municipal structural and landscape pesticide usage by employees and contractors.

<sup>54</sup>Weight or volume of the active ingredient, using same units for the product each year. Please specify units used. The active ingredients in any pesticide are listed on the label. The list of active ingredients that need to be reported in the pyrethroids class includes: metofluthrin, bifenthrin, cyfluthrin, beta-cyfluthrin, cypermethrin, deltamethrin, esfenvalerate, lambdacyhalothrin, and permethrin.

C.9.a. ► Implement IPM Policy or Ordinance						
Indoxacarb	Reporting not required in FY 15-16	0	0			
Diuron	Reporting not required in FY 15-16	0	0			
Diamides	Reporting not required in FY 15-16	0	0			
Active Ingredient Chlorantraniliprole		0	0			
Active Ingredient Cyantraniliprole		0	0			
<p>The City uses the following IPM tactics or strategies to reduce the need for pesticides:</p> <ul style="list-style-type: none"> <li>• Use of non-chemical strategies such as monitoring, mowing weeds, mulching.</li> <li>• Removal of plants that require frequent pesticide applications.</li> <li>• Replacing invasive plants with natives.</li> <li>• Preventive actions such as sealing holes and gaps in structures, improving sanitation.</li> <li>• Use of baits and traps instead of broadcast pesticides</li> </ul>						

C.9.b ► Train Municipal Employees	
Enter the number of employees that applied or used pesticides (including herbicides) within the scope of their duties this reporting year.	2
Enter the number of these employees who received training on your IPM policy and IPM standard operating procedures within this reporting year.	2
Enter the percentage of municipal employees who apply pesticides who have received training in the IPM policy and IPM standard operating procedures within this reporting year.	100%
<p>Type of Training:</p> <p>Local tailgate meetings are held for staff to train on the IPM policy and IPM standard operating procedures. These trainings are held prior to applying pesticides. In addition, staff attended the SMCWPPP Landscape IPM Training on March 8, 2017 and the IMP Contractor Management Workshop held on May 15, 2018.</p>	

<b>C.9.c ▶ Require Contractors to Implement IPM</b>			
Did your municipality contract with any pesticide service provider in the reporting year, for either landscaping or structural pest control?	<input checked="" type="checkbox"/>	<b>Yes</b>	<input type="checkbox"/> <b>No</b>
If yes, did your municipality evaluate the contractor's list of pesticides and amounts of active ingredients used?	<input checked="" type="checkbox"/>	<b>Yes</b>	<input type="checkbox"/> <b>No,</b>
<p>If your municipality contracted with any pesticide service provider, briefly describe how contractor compliance with IPM Policy/Ordinance and SOPs was monitored.</p> <p>Landscape pest management is done by municipal staff only (not contractors). Only 2 staff members are qualified to spray pesticides, and both did not used pesticides within the reporting year FY 17-18. The City avoids spraying pesticides when possible, and only after other methods of IPM are not effective. Active ingredients are tracked by the City, and usage reports are sent to County Agriculture. The City meets internally to discuss IPM strategies as well as personal protective equipment, public safety, awareness. The City does not use pesticides in environmentally sensitive areas such as creeks, swales, or drainage features, but instead uses mechanical weed removal. A biologist monitors all operations to ensure that no sensitive species are nearby when activities are conducted. Mulch is used where possible to control weeds without the use of chemicals.</p> <p>Structural pest management is done by an IPM certified contractor. The City of Half Moon Bay verifies IPM contractor performance by hiring professionals that certify they are properly trained and use IPM in accordance with City policies and procedures. Pesticides are only used when other methods of IPM have been tried and are not effective. No pesticides are used outside of public buildings or in the right-of-way. City staff reviews the list of products used by contractors.</p>			

<b>C.9.d ▶ Interface with County Agricultural Commissioners</b>			
Did your municipality communicate with the County Agricultural Commissioner to: (a) get input and assistance on urban pest management practices and use of pesticides or (b) inform them of water quality issues related to pesticides,	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/> No
<p>If yes, summarize the communication. If no, explain.            See Section 9 of the SMCWPPP FY 17-18 Annual Report for a summary of communication with the San Mateo County Agricultural Commissioner.</p>			
Did your municipality report any observed or citizen-reported violations of pesticide regulations (e.g., illegal handling and applications of pesticides) associated with stormwater management, particularly the California Department of Pesticide Regulation (DPR) surface water protection regulations for outdoor, nonagricultural use of pyrethroid pesticides by any person performing pest control for hire.	<input type="checkbox"/>	<b>Yes</b>	<input checked="" type="checkbox"/> <b>No</b>
<p>If yes, provide a summary of improper pesticide usage reported to the County Agricultural Commissioner and follow-up actions taken to correct any violations. A separate report can be attached as your summary.</p> <p>NA</p>			

**C.9.e.ii (1) ► Public Outreach: Point of Purchase**

Provide a summary of public outreach at point of purchase, and any measurable awareness and behavior changes resulting from outreach (here or in a separate report); **OR** reference a report of a regional effort for public outreach in which your agency participates.

Summary:

See Section 9 of the SMCWPPP FY 17-18 Annual Report for a description of point of purchase public outreach efforts conducted at the countywide level and regionally.

**C.9.e.ii (2) ► Public Outreach: Pest Control Contracting Outreach**

Provide a summary of outreach to residents who use or contract for structural pest control and landscape professionals); **AND/OR** reference a report of a regional effort for outreach to residents who hire pest control and landscape professionals in which your agency participates.

Summary:

See Section 9 of the SMCWPPP FY 17-18 Annual Report for a summary of outreach to residents who hire pest control and landscape professionals.

**C.9.e.ii.(3) ► Public Outreach: Pest Control Operators**

Provide a summary of public outreach to pest control operators and landscapers and reduced pesticide use (here or in a separate report); **AND/OR** reference a report of a regional effort for outreach to pest control operators and landscapers in which your agency participates.

Summary:

See Section 9 of the SMCWPPP FY 17-18 Annual Report for a summary of pest control operators and landscapers to reduce pesticide use.

**C.9.f ► Track and Participate in Relevant Regulatory Processes**

Summarize participation efforts, information submitted, and how regulatory actions were affected; **AND/OR** reference a regional report that summarizes regional participation efforts, information submitted, and how regulatory actions were affected.

Summary:

During FY 17-18, we participated in regulatory processes related to pesticides through contributions to the Countywide Program, BASMAA and CASQA. For additional information, see the Regional Report submitted by BASMAA on behalf of all MRP Permittees.

Section 10 - Provision C.10 Trash Load Reduction

<b>C.10.a.i ► Trash Load Reduction Summary</b>	
For population-based Permittees, provide the overall trash reduction percentage achieved to-date within the jurisdictional area of your municipality that generates problematic trash levels (i.e., Very High, High or Moderate trash generation). Base the reduction percentage on the information presented in C.10.b i-iv and C.10.e.i-ii. Provide a discussion of the calculation used to produce the reduction percentage	
<b>Trash Load Reductions</b>	
Percent Trash Reduction in All Trash Management Areas (TMAs) due to <b>Trash Full Capture Systems</b> (as reported C.10.b.i)	86.7%
Percent Trash Reduction in all TMAs due to <b>Control Measures Other than Trash Full Capture Systems</b> (as reported in C.10.b.ii) <sup>10955</sup>	0.0%
Percent Trash Reduction due to <b>Jurisdictional-wide Source Control Actions</b> (as reported in C.10.b.iv)	10.0%
<b>Subtotal for Above Actions</b>	<b>96.7%</b>
<b>Trash Offsets (Optional)</b>	
Offset Associated with Additional Creek and Shoreline Cleanups (as reported in C.10.e.i)	0.0%
Offset Associated with Direct Trash Discharges (as reported in C.10.e.ii)	NA
<b>Total (Jurisdictional-wide) % Trash Load Reduction through FY 2017-18</b>	<b>96.7%</b>
<b>Discussion of Trash Load Reduction Calculation:</b>	
The City attained and reported 96.7% trash load reduction (including trash offsets) in its FY 16-17 Annual Report. During FY 17-18, the City continued to implement a robust trash control measure program. This helped the City maintain its trash load reduction above the mandatory 70% trash load reduction requirement included in the MRP. The total (jurisdiction-wide) percent trash load reduction in FY 17-18 is 96.7% (including trash offsets). The most recent version of the City's Baseline Trash Generation Map can be downloaded at URL, <a href="http://www.flowstobay.org/content/municipal-trash-generation-maps">http://www.flowstobay.org/content/municipal-trash-generation-maps</a> .	

<sup>55</sup>See Appendix 10-1 for changes between 2009 and FY 17-18 in trash generation by TMA as a result of Full Capture Systems and Other Measures.

**C.10.a.ii.b ► Trash Generation Area Management - Identification of Private Drainages >10,000 ft<sup>2</sup>**

State (Y/N) if your agency completed Permit Provision C.10.a.ii.b. If Yes, attach a map (or other record) or provide a website link to a map (or other record) of the location of lands >10,000 ft<sup>2</sup> (in Very High, High, and Moderate trash generation areas) that are plumbed directly to the Permittee's storm drain systems, including trash control status of these areas. If No, provide explanation of why the provision was not completed and the estimated date when the provision will be completed.

<b>Did your agency complete Permit Provision C.10.a.ii.b?</b>	X	Yes		No		NA
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**If No, provide explanation and estimated completion date:**  
 NA

**Description of the process used to identify applicable areas and their trash control status:**  
 The City worked through SMCWPPP to identify the location of land areas >10,000 ft<sup>2</sup> in very high, high, and moderate trash generation areas (as depicted on the City's baseline trash generation map) that are plumbed directly to the City's MS4. In summary, applicable land areas were identified using existing data/information and a combination of desktop analyses and field visits. Land areas <10,000 ft<sup>2</sup>, or areas identified as low trash generating on the City's baseline trash generation maps or are currently treated by full capture systems were excluded from the analysis. The preliminary trash control status of these land areas was identified by conducting virtual (desktop) on-land visual trash assessments (OVTAs). For a complete description of the methods and process used to identify applicable land areas and their trash control status, please see the SMCWPPP FY 17-18 Annual Report.

**URL link to Map:**  
<http://www.flowstobay.org/content/municipal-trash-generation-maps>

**C.10.a.iii ► Mandatory Trash Full Capture Systems**

Provide the following:

- 1) Total number and types of full capture systems (publicly and privately-owned) installed prior to FY 17-18, during FY 17-18, and to-date, including inlet-based and large flow-through or end-of-pipe systems, and qualifying low impact development (LID) required by permit provision C.3.
- 2) Total land area (acres) treated by full capture systems for population-based Permittees and total number of systems for non-population-based Permittees compared to the total required by the permit.

Type of System	# of Systems	Areas Treated* (Acres)
<b>Installed Prior to FY 17-18</b>		
Connector Pipe Screen (Public)	65	284.1
Hydrodynamic Separators (Public)	1	82.6
Hydrodynamic Separators (Private)	2	14.5
<b>Installed in FY 17-18</b>		
None	-	-
<b>Total for all Systems Installed To-date</b>	<b>68</b>	<b>381.9</b>
<b>Treatment Acreage Required by Permit (Population-based Permittees)</b>		<b>15</b>
<b>Total # of Systems Required by Permit (Non-population-based Permittees)</b>		<b>NA</b>

\*Areas treated include jurisdictional and non-jurisdictional lands (e.g., public K-12 schools and colleges, and freeways).

**C.10.b.i ► Trash Reduction - Full Capture Systems**

Provide the following:

- 1) Jurisdiction-wide trash reduction in FY 17-18 attributable to trash full capture systems implemented in each TMA;
- 2) The total number of full capture systems installed to-date in your jurisdiction;
- 3) The percentage of systems in FY 17-18 that exhibited significant plugged/blinded screens or were >50% full when inspected or maintained;
- 4) A narrative summary of any maintenance issues and the corrective actions taken to avoid future full capture system performance issues; and
- 5) A certification that each full capture system is operated and maintained to meet the full capture system requirements in the permit.

TMA	Jurisdiction-wide Reduction (%)	Total # of Full Capture Systems	% of Systems Exhibiting Plugged/Blinded Screens or >50% full in FY 17-18	Summary of Maintenance Issues and Corrective Actions
1	24.5%	66	0%	Two CPS units required screen repairs which did not impact the trash capture functionality of the units. Repairs are ongoing.
2	0.3%			
3	0.1%			
4	42.5%			
5	0.8%			
<b>Total</b>	<b>86.7%*</b>			

**Certification Statement:**

The City of Half Moon Bay certifies that a full capture system maintenance and operation program is currently being implemented to maintain all applicable systems in manner that meets the full capture system requirements included in the Permit.

\*The jurisdiction-wide reduction reported for full capture systems includes 18.4% reduction for treatment of 52.6 acres of non-jurisdictional public K-12, college and university school land areas.

<b>C.10.b.ii ► Trash Reduction – Other Trash Management Actions (PART A)</b>	
Provide a summary of trash control actions other than full capture systems or jurisdictional source controls that were implemented within each TMA, including the types of actions, levels and areal extent of implementation, and whether actions are new, including initiation date.	
<b>TMA</b>	<b>Summary of Trash Control Actions Other than Full Capture Systems</b>
<b>NA*</b>	<p><b>Improved Bin/Container Management:</b>                      In FY 16-17, the City installed 3-receptacle units (compost, recycling, and trash) at Poplar Beach, to reduce the amount of trash from the beach and encourage residents to recycle and compost. The City has plans to increase the number of 3-receptacle units and is currently investigating the possibility of using a self-compacting trash unit (BigBelly). These actions minimize the possibility of trash overflowing after heavy use of the City's beach areas. In FY 17-18, the City installed 3 self-compacting BigBelly trash units at Poplar Beach. The Bigbelly solar smart trash receptacles were newly installed at the City's Poplar Beach. The Bigbelly receptacles includes a sensory device inside the receptacle which measures capacity and compacting the rubbish as needed. Approximately eight times more waste is collected than a standard bin. Once bin is filled up, an email notification is sent for collection services to be emptied. The City's Poplar Beach is widely used by the community. This has been effective as it reduces up to 80% of collection; reduces CO<sup>2</sup> emission, and huge fuel savings.</p> <p>The new agreement, a 10-year term, allowed for enhanced garbage, recyclable and organic waste collection services between the City and BFI Waste Systems (Republic Services). New carts were distributed: blue for recycling, green for compost and kitchen compost pails and gray for garbage. New carts include pictures and labels for the visual connection between garbage, recycling and compost. All collection vehicles are equipped with a remote camera that allows driver's full visual access to the field of operation to ensure safety and effectiveness.</p>
<b>All applicable</b>	<p><b>Street Sweeping:</b>                      In FY 17-18, the City entered into a new 10-year solidwaste agreement with Republic Services. As part of the scope of work with the new agreement, a street sweeping schedule has been developed. Downtown streets are swept weekly, every other week sweeping of Lewis Foster Drive while school is in session, and residential streets are swept once a month throughout City limits. This is a new implementation which is believed to enhance trash load reduction within City limits.</p>
<b>3B</b>	<p><b>On-land Cleanup:</b>                      In FY 17-18, the City collaborated with the County and local nonprofit organizations to assist the homeless to get rid of excess materials, debris and trash. Biologist consultants were hired to evaluate the area and identify needs for restoration. After the encampment was officially closed, a contractor was hired to tear down the encampment with, makeshift buildings and small structures scattered along the Pilarcitos Creek. This is a pilot program and the City will evaluate its effectiveness at the end of the program to determine if the program will continue or end.</p>

\*Note: The City of Half Moon Bay has not implemented new trash control actions for which it will claim additional trash reduction credit. The City has limited staff and has determined that installation and maintenance of full-trash capture measures is preferable to other measures that will require ongoing assessment. However, the City reserves the right to claim trash reduction credit for these actions at some point in the future.

**C.10.b.ii ► Trash Reduction – Other Trash Management Actions (PART B)**

Provide the following:

- 1) A summary of the on-land visual assessments in each TMA (or control measure area), including the street miles or acres available for assessment (i.e., those associated with VH, H, or M trash generation areas not treated by full capture systems), the street miles or acres assessed, the % of available street miles or acres assessed, and the average number of assessments conducted per site within the TMA; and
- 2) Percent jurisdictional-wide trash reduction in FY 17-18 attributable to trash management actions other than full capture systems implemented in each TMA; OR
- 3) Indicate that no on-land visual assessments were performed.

If no on-land visual assessments were performed, check here  
**and state why:**

X

**Explanation:** No OVTAs were conducted in TMAs 1, 3 and 5 in FY 17/18 because minimal street lengths are available for assessments. NO OVTAs were conducted in TMAs 2 and 4 in FY 17/18 because both TMAs are addressed via full capture devices.

TMA ID <i>or (as applicable) Control Measure Area</i>	Total Street Miles <sup>11056</sup> or Acres Available for Assessment	Summary of On-land Visual Assessments <sup>57</sup>			Jurisdictional-wide Reduction (%)
		Street Miles or Acres Assessed	% of Available Street Miles or Acres Assessed	Avg. # of Assessments Conducted at Each Site <sup>58, 59</sup>	
1	0.13	0	0%	0	0%
2	0.00	NA*	NA*	NA*	NA*
3	0.03	0	0%	0	0%
4	0.00	NA*	NA*	NA*	NA*
5	0.13	0	0%	0	0%
<b>Total</b>		<b>0</b>	<b>-</b>	<b>-</b>	<b>0%</b>

\*Entire TMA is treated by Full Capture Systems.

<sup>56</sup> Street miles are defined as the street lengths and do not include curbs associated with medians

<sup>57</sup> Assessments conducted between July 2016 and July 2018 are assumed to be representative of trash levels in FY 17-18 and were therefore used to calculate the jurisdictional-wide reductions reported in this section.

<sup>58</sup> Each assessment site is roughly 1,000 feet in length.

<sup>59</sup> Based on analyses conducted as part of the BASMAA *Tracking California's Trash* project (BASMAA 2017) funded by the State Water Resources Control Board, the optimal number of assessment events to detect an improvement from baseline trash levels at a site is between 4 and 6 per site.

<b>C.10.b.iv ► Trash Reduction – Source Controls</b>				
Provide a description of each jurisdictional-wide trash source control action implemented to-date. For each control action, identify the trash reduction evaluation method(s) used to demonstrate on-going reductions, summarize the results of the evaluation(s), and estimate the associated reduction of trash within your jurisdictional area. Note: There is a maximum of 10% total credit for source controls.				
<b>Source Control Action</b>	<b>Summary Description &amp; Dominant Trash Sources and Types Targeted</b>	<b>Evaluation/Enforcement Method(s)</b>	<b>Summary of Evaluation/Enforcement Results To-date</b>	<b>% Reduction</b>
Single Use Bag Ordinance	<p>The City of Half Moon Bay has chosen to participate in the San Mateo County single-use bag ban. The ban went into effect in April 2013.</p> <p>The dominant source of trash targeted by this ordinance are single-use plastic bags.</p>	<p>On behalf of all SMCWPPP Permittees, the County of San Mateo conducted assessments evaluating the effectiveness of the single use plastic bag ban in the municipalities within San Mateo County. Assessments by the County included audits of businesses and surveys of customer bag usage at many businesses in San Mateo County. Additionally, the number of complaints by customers was also tracked by the County. The results of assessment conducted by these cities are assumed to be representative of all SMCWPPP Permittees, given the consistency between the scope, implementation, and enforcement of the ordinances among the municipalities. The City of Half Moon Bay developed its % trash reduced estimate using the following assumptions:</p> <p>1) Single-use plastic bags comprise 8% of the trash discharged from stormwater conveyances, based on the Regional Trash Generation Study conducted by BASMAA.</p>	<p>Results of assessments conducted by the County of San Mateo in behalf of all municipalities in San Mateo County indicate that the City's ordinance is effective in reducing the number of single use bags in stormwater discharges. This preliminary conclusion is based on the very small number of complaints received from customers about businesses in San Mateo County that are continuing to use single use plastic bags after ordinances were adopted. Assuming single use bags are 8% of the trash observed in stormwater discharges, the City of Half Moon Bay concludes that there has been a 7% (i.e., 8% x 86% effectiveness in reducing bags) reduction in trash in stormwater discharges as a result of the City's ordinance.</p>	7%

<b>C.10.b.iv ► Trash Reduction – Source Controls</b>				
Provide a description of each jurisdictional-wide trash source control action implemented to-date. For each control action, identify the trash reduction evaluation method(s) used to demonstrate on-going reductions, summarize the results of the evaluation(s), and estimate the associated reduction of trash within your jurisdictional area. Note: There is a maximum of 10% total credit for source controls.				
<b>Source Control Action</b>	<b>Summary Description &amp; Dominant Trash Sources and Types Targeted</b>	<b>Evaluation/Enforcement Method(s)</b>	<b>Summary of Evaluation/Enforcement Results To-date</b>	<b>% Reduction</b>
		2) 95% of the single use plastic bags distributed in the City of Half Moon Bay are affected by the implementation of the ordinance, based on the County of San Mateo's Environmental Impact Report. 3) Of the bags affected by the ordinance, there are now 90% less bags being distributed, based on customer complaints received by the County of San Mateo's Department of Environmental Health Services. This is a conservative estimate given that in FY13-14 Environmental Services only received complaints about 4 of the over 1900 businesses in San Mateo County affected by the single-use plastic bag ordinances.		
Polystyrene Food Service Ware Ordinance	The City adopted a ban on food service polystyrene foam containers in June 2011. The ban went into effect in August 2011. Enforcement is provided by the San Mateo County Division of Environmental Health in conjunction with the MRP Section C.4 business inspection program.	Although the City has adopted and implemented an ordinance prohibiting the distribution of EPS food ware by food vendors, evaluations of the effectiveness of the ordinance have not been conducted. For the purpose of estimating trash reductions in stormwater discharges associated with the ordinance,	Results of assessments that are representative of the City of Half Moon Bay, but were conducted by the Cities of Los Altos and Palo Alto, indicate the City of Half Moon Bay's ordinance is effective in reducing EPS food ware in stormwater discharges. This conclusion is based on the following assessment result – an	5%

**C.10.b.iv ► Trash Reduction – Source Controls**

Provide a description of each jurisdictional-wide trash source control action implemented to-date. For each control action, identify the trash reduction evaluation method(s) used to demonstrate on-going reductions, summarize the results of the evaluation(s), and estimate the associated reduction of trash within your jurisdictional area. Note: There is a maximum of 10% total credit for source controls.

Source Control Action	Summary Description & Dominant Trash Sources and Types Targeted	Evaluation/Enforcement Method(s)	Summary of Evaluation/Enforcement Results To-date	% Reduction
	<p>The dominant source of trash targeted by this ordinance are EPS food ware containers.</p>	<p>the results of assessment conducted by the Cities of Los Altos and Palo Alto were used to represent the reduction in trash associated with the City's ordinance. Assessments conducted by these cities were conducted prior to and following the effective date of their ordinances, and include audits of businesses and/or assessments of EPS food ware observed on streets, storm drains, and local creeks. The results of assessments conducted by these cities are assumed to be representative of the effectiveness of the City's ordinance because the implementation (including enforcement) of the City's ordinance is similar to the City of Los Altos' and Palo Alto's. The City of Half Moon Bay developed its %t trash reduced estimate using the following assumptions:</p> <p>1) EPS food ware comprises 6% of the trash discharged from stormwater conveyances, based on the Regional Trash</p>	<p>average of 95% of businesses affected by the ordinance are no longer distributing EPS food ware post-ordinance. Based on these results, the estimated average reduction of EPS food ware in stormwater discharges is 90%. Assuming EPS food ware is 6% of the trash observed in stormwater discharges, the City of Half Moon Bay concludes that there has been a 5% (i.e., 6% x 90% reduction in trash in stormwater discharges as a result of the ordinance.</p>	

**C.10.b.iv ► Trash Reduction – Source Controls**

Provide a description of each jurisdictional-wide trash source control action implemented to-date. For each control action, identify the trash reduction evaluation method(s) used to demonstrate on-going reductions, summarize the results of the evaluation(s), and estimate the associated reduction of trash within your jurisdictional area. Note: There is a maximum of 10% total credit for source controls.

Source Control Action	Summary Description & Dominant Trash Sources and Types Targeted	Evaluation/Enforcement Method(s)	Summary of Evaluation/Enforcement Results To-date	% Reduction
		Generation Study conducted by BASMAA. 2) 80% EPS food ware distributed by food vendors or sold via stores in the City of Half Moon Bay is affected by the implementation of the ordinance. There is now 95% less EPS food ware being distributed, sold, and/ or observed in the environment, based on assessments conducted by the City of Palo Alto and the City of Los Altos.		

\*An extremely large volume of trash associated with an illegal encampment was removed during FY 16-17. The trash load included several large items (i.e. mattresses) which significantly increased the cubic yardage removed over previous years. Volunteer groups which previously cleaned the City's creeks have not been able to clean the creeks safely due to the number of homeless encampments present.

<b>C.10.b.v ▶ Trash Reduction – Receiving Water Monitoring</b>	
Report on the progress of developing and testing your agency's trash receiving water monitoring program.	
In FY 17-18, the City began implementing the BASMAA regional Trash Monitoring Program Plan that was approved by the Water Board's Executive Officer. Implementation included preparing for and conducting qualitative assessments and quantitative monitoring in receiving water locations in San Mateo County. Implementation occurred through the City's participation in the San Mateo Countywide Water Pollution Prevention Program (SMCWPPP). Additional information on accomplishments in FY 17-18 can be found in the Trash Receiving Water Monitoring Progress Report included in the SMCWPPP FY 17-18 Annual Report.	
<b>C.10.d ▶ Long-Term Trash Load Reduction Plan</b>	
Provide descriptions of significant revisions made to your Long-term Trash Load Reduction Plan submitted to the Water Board in February 2014. Describe significant changes made to primary or secondary trash management areas (TMA), baseline trash generation maps, control measures, or time schedules identified in your plan. Indicate whether your baseline trash generation map was revised and if so what information was collected to support the revision. If your baseline trash generation map was revised, attach it to your Annual Report.	
<b>Description of Significant Revision</b>	<b>Associated TMA</b>
In FY 15-16, consistent with all MRP Permittees, all public K-12 schools, college and university parcels were made non-jurisdictional on the City's baseline trash generation maps. Under California Government Code Sections 4450 through 4461, the construction, modification, or alteration of facilities and/or structures on these parcels are under the jurisdiction of the California Division of State Architect and not the City. The public right-of-way (e.g., streets and sidewalks) surrounding these parcels remain as jurisdictional on the City's baseline trash generation maps. The City's revised baseline trash generation map was included as Appendix 10-2 in the FY 15-16 Annual Report.	<b>All applicable</b>
In FY 14-15 and FY 15-16 the City conducted a preliminary analysis of trash generation in all TMAs that was originally depicted on Trash Generation Maps included in our Long-Term Trash Load Reduction Plan. The City used a combination of desktop evaluations and field observations. Google Street View applications and On-land Visual Assessments were used to reevaluate baseline trash generation. Trash generation categories were reclassified for areas where information indicated that errors had occurred during initial/preliminary trash generation category assignments. Reclassifications to trash generation categories were used for the purposes of calculating baseline (2009) trash generation included in this report (i.e., as an input parameter to the formula used to calculate load reductions reported in section C.10.d). A copy of the current trash generator map (dated July 11, 2016) showing these changes is attached.	<b>1D, 1E, 2A, 2D, 3A, 3C, 3D, 3E, and 5</b>

**C.10.c ► Trash Hot Spot Cleanups**

Provide the FY 17-18 cleanup date and volume of trash removed during each MRP-required Trash Hot Spot cleanup during each fiscal year listed. Indicate whether the site was a new site in FY 17-18.

Trash Hot Spot	New Site in FY 17-18 (Y/N)	FY 17-18 Cleanup Date(s)	Volume of Trash Removed (cubic yards)				
			FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18
HMB01	N	May 7 thru June 1, 2018	5.9	2.6	5.0	253*	14.8
Adjust portion of Subarea 3A (High School) into Subarea 4A (Current Full Capture Treatment). Based on field inspection in December 2014, a portion of the high school drains to an existing HDS unit in Subarea 4A.							<b>3 &amp; 4</b>
Adjust portion of TMA 5 into Subarea 4B. Based on December 2014 field review, this area drains to a CPS screen in Subarea 4B.							<b>4 &amp; 5</b>
Entire Subarea 1F now has full trash capture (New CPS screen #1 installed December 2014). Entire Subarea 1C now has full trash capture (New CPS screens #2 and #3 installed December 2014). Portion of Subarea 1B now has full trash capture (New CPS screens #7 and #8 installed December 2014). Portion of Subarea 1B now has full trash capture (New CPS screens #9 and #10 installed December 2014). Portion of Subarea 1B and all of Subarea 2A (Park) now have full trash capture (New CPS screen #11 installed December 2014). Portion of Subarea 1A now has full trash capture (New CPS screen #12 installed December 2014). Portion of Subarea 1-E now has full trash capture (New CPS screens #18, 19, 20, 21, and 22 installed December 2014).							<b>1</b>
Portion of TMA 5 now has full trash capture (New CPS screen #13, #25, #26, and #27 installed December 2014).							<b>5</b>
Portions of TMA 5 and all of Subarea 2B (park) now have full trash capture (New CPS screen #24 installed December 2014).							<b>2 &amp; 5</b>

**C.10.e. ► Trash Reduction Offsets (Optional)**

Provide a summary description of each offset program implemented, the volume of trash removed, and the offset claimed in FY 17-18. Also, for additional creek and shoreline cleanups, describe the number and frequency of cleanups conducted, and the locations and cleanup dates. For direct discharge control programs approved by the Water Board Executive Officer, also describe the results of the assessments conducted in receiving waters to demonstrate the effectiveness of the control program. Include an Appendix that provides the calculations and data used to determine the trash reduction offset.

Offset Program	Summary Description of Actions and Assessment Results	Volume of Trash (CY) Removed/Controlled in FY 17-18	Offset (% Jurisdiction-wide Reduction)
<b>Additional Creek and Shoreline Cleanups (Max 10% Offset)</b>	<ul style="list-style-type: none"> <li>The City continues to work with the Coastside Land Trust on creek and beach cleanups within the City limits; however, the volumes of trash removed are not readily available and no credit will be reduction offsets will be claimed for this effort. However, the City reserves the right to claim credit for creek and beach cleanups in the future.</li> <li>The City is contracted with Abundant Grace to provide coastal clean-up services along the Coastal Trail (Seymour Bridge to Kelly Ave). These efforts are focused on picking up trash, emptying garbage cans, and removing horse manure. The frequency of the work is determined by the seasons which have been split into "peak" vs. "off-peak." During peak season (April 1 – October 31), clean-ups take place 3x/week for up to four hours per day (depending on need). In the off-peak season (November 1 – March 31), clean-ups will take place 2x/week for up to four hours per day. The program is still in the pilot phase and is scheduled to run until March 2019, at which time the City will decide if it wants to continue funding the effort.</li> <li>Homeless Encampment Clean-up – This was a joint effort between the City, San Mateo County, and local nonprofit organizations to clean up the homeless encampment that had formed behind Safeway of the Strawflower Village Shopping Center. The City provided debris boxes for the homeless, so they could get rid of their excess materials and hired biologist consultants to evaluate the area and identify needs for restoration. After the encampment was officially closed, the City hired a contractor to tear down the encampment (there were makeshifts building and smaller structures scattered along the creek). The encampment has been fenced off and we continue to monitor the area.</li> </ul>	NA	NA
<b>Direct Trash Discharge Controls (Max 15% Offset)</b>	NA	NA	NA

Appendix 10-1. Baseline trash generation and areas addressed by full capture systems and other control measures in Fiscal Year 17-18<sup>60</sup>.

TMA	2009 Baseline Trash Generation (Acres)					Trash Generation (Acres) in FY 17-18 After Accounting for Full Capture Systems					Jurisdiction-wide Reduction via Full Capture Systems (%)	Trash Generation (Acres) in FY 17-18 After Accounting for Full Capture Systems and Other Control Measures					Jurisdiction-wide Reduction via Other Control Measures (%)	Jurisdiction-wide Reduction via Full Capture AND Other Control Measures (%)
	L	M	H	VH	Total	L	M	H	VH	Total		L	M	H	VH	Total		
1	111	33	10	0	154	149	5	0	0	154	24.5%	149	5	0	0	154	0%	24.5%
2	17	1	0	0	18	18	0	0	0	18	0.3%	18	0	0	0	18	0%	0.3%
3	1	17	12	1	31	1	17	12	1	31	0.1%	1	17	12	1	31	0%	0.1%
4	52	27	22	0	101	101	0	0	0	101	42.5%	101	0	0	0	101	0%	42.5%
5	3,510	8	0	0	3,518	3,512	6	0	0	3,518	0.8%	3,512	6	0	0	3,518	0%	0.8%
<b>Totals</b>	<b>3,692</b>	<b>86</b>	<b>44</b>	<b>1</b>	<b>3,822</b>	<b>3,781</b>	<b>28</b>	<b>12</b>	<b>1</b>	<b>3,822</b>	<b>86.7%*</b>	<b>3,781</b>	<b>28</b>	<b>12</b>	<b>1</b>	<b>3,822</b>	<b>0%</b>	<b>86.7%*</b>

\*The jurisdiction-wide reduction reported for full capture systems includes 18.4% reduction for treatment of 52.6 acres of non-jurisdictional public K-12, college and university school land areas.

<sup>60</sup> Due to rounding, total acres and percentages presented in this table may be slightly different than the sum of the acres/percentages in the corresponding rows/columns (e.g., differ by 1 acre or 0.1%).

Section 11 - Provision C.11 Mercury Controls

**C.11.a ► Implement Control Measures to Achieve Mercury Load Reductions**  
**C.11.b ► Assess Mercury Load Reductions from Stormwater**

See the SMCWPPP FY 2017-18 Annual Report for updated information on:

- Documentation of mercury control measures implemented in our agency's jurisdictional area for which load reductions will be reported and the associated management areas;
- A description of how the BASMAA Interim Accounting Methodology<sup>61</sup> was used to calculate the mercury load reduced by each control measure implemented in our agency's jurisdictional area and the calculation results (i.e., the estimated mercury load reduced by each control measure);
- Supporting data and information necessary to substantiate the load reduction estimates; and

For Executive Officer approval, any refinements, if necessary, to the measurement and estimation methodologies to assess mercury load reductions in the subsequent permit.

**C.11.c ► Plan and Implement Green Infrastructure to Reduce Mercury Loads**

See the SMCWPPP FY 2017-18 Annual Report for information on the quantitative relationship between green infrastructure implementation and mercury load reductions, including all data used and a full description of models and model inputs relied on to establish this relationship.

**C.11.e ► Implement a Risk Reduction Program**

A summary of countywide and regional accomplishments for this sub-provision are included in the SMCWPPP FY 2017-18 Annual Report.

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<sup>61</sup> BASMAA 2017. Interim Accounting Methodology for TMDL Loads Reduced, Version 1.0. Prepared for BASMAA by Geosyntec Consultants and EOA, Inc., September 19, 2016.

Section 12 - Provision C.12 PCBs Controls

**C.12.a ► Implement Control Measures to Achieve PCBs Load Reductions**  
**C.12.b ► Assess PCBs Load Reductions from Stormwater**

See the SMCWPPP FY 2017-18 Annual Report for:

- Documentation of PCBs control measures implemented in our agency's jurisdictional area for which load reductions will be reported and the associated management areas;
- A description of how the BASMAA Interim Accounting Methodology<sup>62</sup> was used to calculate the PCBs load reduced by each control measure implemented in our agency's jurisdictional area and the calculation results (i.e., the estimated PCBs load reduced by each control measure);
- Supporting data and information necessary to substantiate the load reduction estimates; and

For Executive Officer approval, any refinements, if necessary, to the measurement and estimation methodologies to assess PCBs load reductions in the subsequent permit.

**C.12.c ► Plan and Implement Green Infrastructure to Reduce PCBs Loads**

See the SMCWPPP FY 2017-18 Annual Report for information on the quantitative relationship between green infrastructure implementation and PCBs load reductions, including all data used and a full description of models and model inputs relied on to establish this relationship.

**C.12.e ► Evaluate PCBs Presence in Caulks/Sealants Used in Storm Drain or Roadway Infrastructure in Public Rights-of-Way**

A summary of countywide and regional accomplishments for this sub-provision is included in the SMCWPPP FY 2017-18 Annual Report.

<sup>62</sup> BASMAA 2017. Interim Accounting Methodology for TMDL Loads Reduced, Version 1.0. Prepared for BASMAA by Geosyntec Consultants and EOA, Inc., September 19, 2016.

**C.12.f ▶ Manage PCB-Containing Materials and Wastes During Building Demolition Activities So That PCBs Do Not Enter Municipal Storm Drains**

A summary of countywide and regional accomplishments for this sub-provision is included in the C.12 PCBs Controls section of the SMCWPPP FY 2017-18 Annual Report.

Does your agency plan to seek exemption from this requirement?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
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**C.12.g.▶ Fate and Transport Study of PCBs: Urban Runoff Impact on San Francisco Bay Margins**

A summary of countywide and regional accomplishments for this sub-provision are included in the SMCWPPP FY 2017-18 Annual Report.

**C.12.h ▶ Implement a Risk Reduction Program**

A summary of countywide and regional accomplishments for this sub-provision are included in the SMCWPPP FY 2017-18 Annual Report.

Section 13 - Provision C.13 Copper Controls

**C.13.a.iii.(3) ► Manage Waste Generated from Cleaning and Treating of Copper Architectural Features**

Provide summaries of permitting and enforcement activities to manage waste generated from cleaning and treating of copper architectural features, including copper roofs, during construction and post-construction.

Summary:

During construction, municipal construction stormwater inspectors are responsible for identifying copper architectural features and whether appropriate BMPs are implemented. Any issues noted are documented and enforcement actions recorded in the Provision C.6 inspection records. Post-construction municipal illicit discharge inspectors are responsible for responding to, investigating and identifying illegal discharge of wash water from washing copper architectural features. Any enforcement actions or reported discharges are recorded in the Provision C.5 inspection records. The SMCWPPP "Requirements for Architectural Copper" Fact Sheet is made available to the public, construction inspectors and illicit discharge inspectors on the SMCWPPP website ([www.flowstobay.org/files/newdevelopment/flyersfactsheets/ArchitecturalcopperBMPs.pdf](http://www.flowstobay.org/files/newdevelopment/flyersfactsheets/ArchitecturalcopperBMPs.pdf)). Inspectors are made aware of the concerns with copper architectural features at SMCWPPP Training Workshops and internal municipal trainings.

Upon review of our Provision C.5 illicit discharge inspection data we found no enforcement activities related to copper-containing discharges from copper architectural features.

**C.13.b.iii.(3) ► Manage Discharges from Pools, Spas, and Fountains that Contain Copper-Based Chemicals**

Provide summaries of any enforcement activities related to copper-containing discharges from pools, spas, and fountains.

Summary:

Upon review of our Provision C.5 illicit discharge inspection data we found no enforcement activities related to copper-containing discharges from pools, spas, and fountains.

**C.13.c.iii ► Industrial Sources Copper Reduction Results**

Based upon inspection activities conducted under Provision C.4, highlight copper reduction results achieved among the facilities identified as potential users or sources of copper, facilities inspected, and BMPs addressed.

Summary:

The City does not have industry that utilizes copper or would be a source of industrial copper waste.

Permittee Name: City of Half Moon Bay

Section 15 -Provision C.15 Exempted and Conditionally Exempted Discharges

**C.15.b.vi.(2) ► Irrigation Water, Landscape Irrigation, and Lawn or Garden Watering**

Provide implementation summaries of the required BMPs to promote measures that minimize runoff and pollutant loading from excess irrigation. Generally the categories are:

- Promote conservation programs
- Promote outreach for less toxic pest control and landscape management
- Promote use of drought tolerant and native vegetation
- Promote outreach messages to encourage appropriate watering/irrigation practices
- Implement Illicit Discharge Enforcement Response Plan for ongoing, large volume landscape irrigation runoff.

Summary:

Implementation of BMPs to promote measures that minimize runoff and pollutant loading from excess irrigation is done in accordance with the City's Municipal Code Chapter 13.04 – Water Conservation in Landscaping Regulations. Water conservation and landscape management is also addressed through the City's land use requirements.

The Coasts County Water District (CCWD) promotes water conservation through offering incentives to both residential and commercial customers.

See Sections C.3 New Development and Redevelopment, C.7. Public Information and Outreach and C.9. Pesticide Toxicity Control sections of the SMCWPPP FY 2017-18 Annual Report for a description of SMCWPPP's activities related to point-of-purchase outreach which promotes less toxic pest control and landscape management. Information on water conservation, less-toxic pest control and appropriate watering/irrigation practices is also posted on SMCWPPP's website ([www.flowstobay.org](http://www.flowstobay.org)).

## **APPENDIX A**

Potential Facilities List

C.4.b.iii.

**APPENDIX A, FY 17/18 ANNUAL REPORT**

**C.4.b.iii. Potential Facilities List**

Ctiy of Half Moon Bay

Last Revised:2/22/2018

Business Name (DBA)	Business Address	Business Type	SIC Description	Latest Priority
BURGER KING 5378	30 CABRILLO HWY N	RETAIL - FOOD STORE	Fast Food Restaurants	H
SEA CREST SCHOOL	901 ARNOLD WAY	SERVICE - EDUCATION	Schools And Educational Services, Not Elsewhere Classified	L
CALTRANS - HALF MOON BAY	2203 CABRILLO HWY			M
BOBA DUDE	80 CABRILLO HWY	RETAIL - RESTAURANTS	Restaurants	M
COASTSIDE LUTHERAN CHURCH	900 CABRILLO HWY	EXEMPT	Churches	L
PROPHET PROJECT, INC.	2351 CABRILLO HWY	AGRI PROD CROPS	Florists	M
VIA UNO L L C	2810 CABRILLO HWY N	RETAIL - RESTAURANTS		M
BASKIN ROBBINS	44 CABRILLO HWY N	RETAIL - FOOD STORE	Eating Places	H
CVS/PHARMACY #9216	60 CABRILLO HWY N	RETAIL - GENERAL MDSE	Miscellaneous Retail Stores, Not Elsewhere Classified	M
SAFEWAY STORES INC 308	70 CABRILLO HWY N	RETAIL - FOOD STORE	Grocery Stores	M
TAQUERIA LA MORDIDA	80 CABRILLO HWY N	RETAIL - FOOD & DRINK		H
MC DONALDS HALF MOON BAY	100 CABRILLO HWY N	RETAIL - FOOD STORE	Restaurants, Fast Food	M
PREMIER TERMITE FLOORS	116 CABRILLO HWY N	CONTRACTOR - SPEC TRADE	Special Trade Contractors, Not Elsewhere Classified	L
GRANOLA'S COFFEE HOUSE	116 CABRILLO HWY N	RETAIL - FOOD & DRINK	Cafes	M
BAY CHEVRON	375 CABRILLO HWY N	RETAIL - AUTO/GAS	Gasoline And Oil\retail	H
Andreotti Family Farm	800 CABRILLO HWY N	WHLSLE - NONDURABLE GOOD	Farm-product Raw Materials, Not Elsewhere Classified	L
FARMER JOHNS PUMPKIN FARM	850 CABRILLO HWY N	PUMPKIN PATCH	Crops, Riding	M
SEWER AUTHORITY MID COASTSIDE	1000 CABRILLO HWY N	EXEMPT		M
COASTSIDE FARM	1101 CABRILLO HWY N	OTHER BUSINESS	General Farms, Primarily Crop	M
DEL MAR EQUESTRIAN CENTER	1820 CABRILLO HWY N	SERVICE - RECREATION	Horses And Other Equines	M
HALF MOON BAY WASABI CO	2351 CABRILLO HWY N	RETAIL - FOOD STORE	Greenhouses For Food Crops	M
SCHICKENBERG NURSERY	2351 CABRILLO HWY N	WHLSLE - NONDURABLE GOOD	Nursery Stock\wholesale	M
ROCKET FARMS INC	2651 CABRILLO HWY N	WHLSLE - NONDURABLE GOOD	Nursery Stock\wholesale	M
VIA UNO L L C	2810 CABRILLO HWY N	RETAIL - FOOD & DRINK		M
COMFORT INN	2930 CABRILLO HWY N	SERVICE - LODGING	Hotels And Motels	M
AMERICAS BEST VALUE INN & SUITES	3020 CABRILLO HWY N	GENERAL BUSINESS	Hotels And Motels	M
F & J KITCHEN INC	3048 CABRILLO HWY N	RETAIL - FOOD & DRINK	Restaurants	M
THE BARN	3068 CABRILLO HWY N	RETAIL - FOOD & DRINK	Hamburger Stands	M
BEACH HOUSE LLC	4100 CABRILLO HWY N	SERVICE - LODGING	Hotels And Motels	L
SAMS CHOWDER HOUSE	4210 CABRILLO HWY N	RETAIL - FOOD & DRINK	Restaurants	H
GREENHOUSE CLEANERS	80 CABRILLO HWY N A	SERVICE - BUSINESS	Laundry And Garment Services, Not Elsewhere Classified	M
WHITE ELEPHANT HMB	50 CABRILLO HWY N B-3	SERVICE - BUSINESS	Restaurants	M
BRAZZLE BERRY	80 CABRILLO HWY N M	RETAIL - FOOD & DRINK	Ice Cream And Frozen Desserts	M
SUNSHINE DONUTS	80 CABRILLO HWY N P	RETAIL - FOOD STORE	Doughnuts, Except Frozen	M
STARBUCKS COFFEE #6631	80 CABRILLO HWY N Q	RETAIL - FOOD & DRINK	Coffee Shops	L
FRUIT GARDEN	80 CABRILLO HWY N STE M	Current		80 M
CHINA KITCHEN	80 CABRILLO HWY N STE U	RETAIL - FOOD & DRINK	Restaurants, Carry-out	H
SUBWAY #10252	80 CABRILLO HWY N STE V1	RETAIL - FOOD & DRINK	Fast Food Restaurants	M
CHEF LEE	80 CABRILLO HWY N U	RETAIL - FOOD & DRINK		L
DAD'S LUNCHEONETTE	225 CABRILLO HWY S	RETAIL - FOOD & DRINK	Restaurants, Carry-out	H
SWEET 55	225 CABRILLO HWY S	RETAIL - FOOD & DRINK		H
COASTSIDE INN	230 CABRILLO HWY S	SERVICE - LODGING	Hotels And Motels	M

**APPENDIX A, FY 17/18 ANNUAL REPORT**

**C.4.b.iii. Potential Facilities List**

Ctiy of Half Moon Bay

Last Revised:2/22/2018

Business Name (DBA)	Business Address	Business Type	SIC Description	Latest Priority
TAQUERIA LA MEXICANA	250 CABRILLO HWY S	RETAIL - FOOD & DRINK	Restaurants, Fast Food	M
THREE AMIGOS	270 CABRILLO HWY S	RETAIL - FOOD & DRINK	Restaurants, Fast Food	M
CAMERONS RESTAURANT & PUB	1410 CABRILLO HWY S	RETAIL - FOOD & DRINK	Restaurants	M
MCCAHON NURSERY	1450 CABRILLO HWY S			M
ALL ANIMALS MOBILE VETERINARY	1600 CABRILLO HWY S	SERVICE - VETERINARY SERVI	Veterinarians For Pets And Other Animal Specialties	L
RICE TRUCKING SOIL FARM INC	2119 CABRILLO HWY S	RETAIL - BLDG/GARDEN SUPPL	Sand And Gravel Dealers\retail	M
BAY CITY FLOWER CO	2265 CABRILLO HWY S	AGRICULTURAL SERVICES	Flower And Field Bulbs\wholesale	H
HALF MOON BAY JOES	2380 CABRILLO HWY S	RETAIL - FOOD & DRINK	Restaurants	M
BW HALF MOON BAY LODGE 325	2400 CABRILLO HWY S	HOTEL / MOTEL	Hotels And Motels	M
ROMESCO BISTRO AND TAPAS	225 CABRILLO HWY S 102C	RETAIL - FOOD & DRINK		M
MERCADO GUADALAJARA	225 CABRILLO HWY S 106C	RETAIL - FOOD STORE	Food Markets\retail	M
MULLINS BAR & GRILL	2450 CABRILLO HWY S STE 250	RETAIL - FOOD & DRINK	Restaurants	M
SPANISHTOWN MEXICAN REST	515 CHURCH ST	RETAIL - FOOD & DRINK	Restaurants	M
CAFE CAPISTRANO	523 CHURCH ST	RETAIL - FOOD & DRINK	Restaurants	M
CUNHA INTERMEDIATE SCHOOL	600 CHURCH ST	EXEMPT	Elementary And Secondary Schools	M
PRINCETON MACHINE SHOP	178 CORNELL AVE	SERVICE - MISCELLANEOUS	Machine Shops, Jobbing And Repair	M
BRANSCOMB FARMS L L C	780 FRENCHMANS CREEK RD	SERVICE - VETERINARY SERVI	Breeding Of Livestock	M
ACTION TOWING AND ROAD SERVICE INC	183 HARVARD AVE	TRANSPORATION SERVICES	Towing Service, Automotive	M
BOBS FRESH VEGETABLES	2900 HWY 1			M
PLUM TREE COURT 1 2 3	642 JOHNSTON ST	SERVICE - LODGING	Hotels And Motels	M
KELLY STREET LAUNDRY	650 KELLY	SERVICE - MISCELLANEOUS	Coin-operated Laundries And Drycleaning	L
SMC SHERIFF HALF MOON BAY SUB STA1	535 KELLY			M
COASTSIDE STATE PARKS ASSOCIATION	95 KELLY AVE	EXEMPT	Book Stores	M
ANDREOTTI NURSERY	131 KELLY AVE	AGRICULTURAL SERVICES	Nursery Stock, Growing Of	M
ENSO	131 KELLY AVE	RETAIL - MISCELLANEOUS	Miscellaneous Retail Stores, Not Elsewhere Classified	H
OCEAN VIEW DRIVING RANGE	201 KELLY AVE	SERVICE - RECREATION	Golf Driving Ranges	M
ANDREOTTI FAMILY FARM	329 KELLY AVE	AGRICULTURAL SERVICES	Farm-product Raw Materials, Not Elsewhere Classified	M
CABRILLO UNIFIED SCHOOL DISTRICT	498 KELLY AVE	EXEMPT	Schools And Educational Services, Not Elsewhere Classified	M
MORE FOR LESS	501 KELLY ST	RETAIL - AUTO/GAS	Convenience Food Stores\retail	M
SHEET METAL DESIGN	514 KELLY ST	CONTRACTOR - SPEC TRADE	Special Trade Contractors, Not Elsewhere Classified	M
PACIFIC BELL TELEPHONE COMPANY	525 KELLY ST	COMMUNICATION	Telephone Communications, Except Radiotelephone	M
BIKE WORKS THE	520 KELLY ST G	RETAIL - MISCELLANEOUS	Bicycle And Bicycle Parts Dealers, Except Motorized\retail	H
HALF MOON BAY HIGH SCHOOL	1 LEWIS FOSTER DR	EXEMPT	High Schools	M
Verizon Wireless Half Moon Bay East	200 LEWIS FOSTER DR			L
NUNES WATER TREATMENT PLANT	500 LEWIS FOSTER DR			M
SACRILEGE BREWERY AND KITCHEN	730 MAIN ST	SERVICE - LODGING		M
BIG CREEK LUMBER CO	111 MAIN ST	RETAIL - MISCELLANEOUS		M
HASSETT HARDWARE	111 MAIN ST	RETAIL - MISCELLANEOUS	Hardware Stores	M
HALF MOON BAY BUILDING & GARDEN	119 MAIN ST	RETAIL - BLDG/GARDEN SUPPL	Garden Supplies And Tools\retail	H
M V TRANSPORTATION INC	121 MAIN ST	SERVICE - MISCELLANEOUS	Transportation Services, Not Elsewhere Classified	M
PAULOS AUTO CARE	129 MAIN ST	SERVICE - AUTO REPAIR	Automobile Service Stations\retail	M
COAST TRANSMISSIONS	141 MAIN ST	SERVICE - AUTO REPAIR	Automotive Transmission Repair Shops	M

**APPENDIX A, FY 17/18 ANNUAL REPORT**

**C.4.b.iii. Potential Facilities List**

City of Half Moon Bay

Last Revised:2/22/2018

Business Name (DBA)	Business Address	Business Type	SIC Description	Latest Priority
D R W MOTORSPORT	143 MAIN ST	SERVICE - AUTO REPAIR	General Automotive Repair Shops	M
COASTSIDE CARPET CLEANER	145 MAIN ST	SERVICE - PROFESSIONAL	Carpet And Upholstery Cleaning	L
HALF MOON BAY AUTO REPAIR INC	149 MAIN ST	SERVICE - AUTO REPAIR	Automotive Repair Shops, General	M
ANDREINI BROTHERS INC	151 MAIN ST	CONTRACTOR - (BASED OUTSI	Excavation Work	M
PG&E: HALF MOON BAY SUBSTATION	175 MAIN ST			M
BOBS CAR WASH L L C	240 MAIN ST	SERVICE - MISCELLANEOUS	Carwashes	M
TOM & PETES PRODUCE	270 MAIN ST	RETAIL - FOOD STORE	Fruit And Vegetable Markets	M
PASTA MOON INC	315 MAIN ST	RETAIL - FOOD STORE	Restaurants	M
GARDEN APOTHECARY	329 MAIN ST	RETAIL - MISCELLANEOUS	Beauty Parlor Equipment And Supplies\wholesale	M
HALF MOON BAY FEED & FUEL	331 MAIN ST	RETAIL - MISCELLANEOUS	Miscellaneous Retail Stores, Not Elsewhere Classified	M
SAN BENITO HOUSE	356 MAIN ST	SERVICE - LODGING	Hotels And Motels	M
SUSHI MAIN STREET SAKE BAR	400 MAIN ST	RETAIL - FOOD & DRINK	Restaurants	M
ITS ITALIA PIZZERIA INC	401 MAIN ST	RETAIL - FOOD & DRINK	Restaurants	M
CHEZ SHEA	408 MAIN ST	RETAIL - FOOD & DRINK	Restaurants	M
THE HALF MOON BAY WINE & CHEESE CC	421 MAIN ST	RETAIL - FOOD & DRINK	Cheese Stores\retail	M
CUNHA GROCERY INC	448 MAIN ST	RETAIL - FOOD STORE	Grocery Stores	M
HALF MOON BAY BAKERY	514 MAIN ST	WHLSLE - NONDURABLE GOOD	Retail Bakeries	M
M COFFEE	522 MAIN ST	RETAIL - FOOD & DRINK	Coffee Shops	L
CAFE SOCIETY	522 MAIN ST	RETAIL - FOOD & DRINK	Cafes	M
NANOS YOGURT SHACK	523 MAIN ST	RETAIL - FOOD & DRINK	Yogurt, Frozen	M
TOKENZ MAIN STREET	524 MAIN ST	RETAIL - FOOD & DRINK	Miscellaneous Retail Stores, Not Elsewhere Classified	M
MAIN STREET GRILL	547 MAIN ST	RETAIL - FOOD & DRINK	Eating Places	H
MOONSIDE BAKERY & CAFE INC	604 MAIN ST	RETAIL - FOOD & DRINK	Retail Bakeries	M
BARTERRA	643 MAIN ST	RETAIL - FOOD & DRINK	Wine Bars	M
ARK GRILL	724 MAIN ST	RETAIL - FOOD & DRINK	Restaurants	M
NANTUCKET WHALE INN	779 MAIN ST			L
CETRELLA	845 MAIN ST	RETAIL - FOOD & DRINK	Restaurants	M
SENIOR COASTSIDERS	925 MAIN ST	EXEMPT	Senior Center	H
COASTSIDE FIRE DISTRICT, HMB	1191 MAIN ST			M
GHERKINS SANDWICH SHOP	328 MAIN ST #101	RETAIL - FOOD & DRINK	Restaurants, Carry-out	M
RAMANS COFFEE AND CHAI	101 MAIN ST A	RETAIL - FOOD & DRINK	Coffee Stores\retail	M
PROFESSIONAL AUTO CARE	125 MAIN ST A	SERVICE - AUTO REPAIR	Automotive Repair Shops, General	M
BLUE WHITE CLEANERS	101 MAIN ST F	SERVICE - PERSONAL	Laundry And Garment Services, Not Elsewhere Classified	H
A TO Z AUTOS	210 MAIN ST STE 2C	RETAIL - AUTO/GAS	Automotive Dealers, Not Elsewhere Classified	M
HALF MOON BAY WINERY LLC	700 MILL	GENERAL BUSINESS	Wines\wholesale	H
MILL ROSE BED & BREAKFAST	615 MILL ST	SERVICE - LODGING	Bed And Breakfast Inns	M
SUSHI MAIN STREET	696 MILL ST	RETAIL - FOOD & DRINK	Restaurants	M
HATCH ELEMENTARY SCHOOL	490 MIRAMONTES AVE	EXEMPT	Elementary And Secondary Schools	M
AZEVEDO FEED COMPANY	1815 MIRAMONTES POINT			M
RITZ CARLTON HOTEL	1 MIRAMONTES POINT RD	SERVICE - LODGING	Hotels And Motels	M
Verizon Wireless Half Moon Bay South	1 MIRAMONTES POINT RD			L
MULLINS BAR & GRILL	2 MIRAMONTES POINT RD	RETAIL - FOOD & DRINK	Restaurants	M

**APPENDIX A, FY 17/18 ANNUAL REPORT**

**C.4.b.iii. Potential Facilities List**

Ctiy of Half Moon Bay

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Business Name (DBA)	Business Address	Business Type	SIC Description	Latest Priority
HALF MOON BAY GOLF LINKS	2 MIRAMONTES POINT RD	SERVICE - RECREATION	Public Golf Courses	M
PASTORINO HAY & RANCH SUPPLY INC	921 MIRAMONTES ST	RETAIL - MISCELLANEOUS	Hay Farms	L
DAYLIGHT NURSERY/DAYLIGHT FARMS	925 MIRAMONTES ST	FARMERS MARKET	Flowers, Nursery Stock, And Florists' Supplies	M
ROUND TABLE PIZZA	50 N CABRILLO HIGHWAY 3	RETAIL - FOOD & DRINK	Pizza Parlors	M
STOLOSKI & GONZALEZ INC	2750 N CABRILLO HWY	FRUIT-VEGETABLE-XMAS TREE	Vegetable Farms	M
B K MOTORS INC	108&112A N CABRILLO HWY	OTHER BUSINESS	Automobiles, Used Cars Only\retail	H
PALLADINO PAINTING INC	102 PRINCETON AVE O	CONTRACTOR - SPEC TRADE	Painting And Paper Hanging	M
ANGELOS MUFFLER & AUTO REPAIR	332 PURISSIMA ST	SERVICE - AUTO REPAIR	Automotive Repair Shops, Not Elsewhere Classified	M
GINOS AUTO BODY & PAINT	334 PURISSIMA ST	SERVICE - AUTO REPAIR	Top, Body, And Upholstery Repair Shops And Paint Shops	M
ALENA JEAN	340 PURISSIMA ST	RETAIL - GIFT & GIFT BASKETS	Florists\retail	M
FLORA FARM	340 PURISSIMA ST	SERVICE - LANDSCAPE & GARI	Landscape Planning	L
PHILS H M B TIRE & AUTO CARE	422 PURISSIMA ST	SERVICE - AUTO REPAIR	Automotive Repair Shops, Not Elsewhere Classified	M
ORLANDOS PLACITA MARKET	500 PURISSIMA ST B	RETAIL - FOOD STORE	Grocery Stores	M
SPICE ME	500 PURISSIMA ST C	RETAIL - FOOD & DRINK	Restaurants	M
THE FISHERMANS TAVERNA	99 SAN MATEO RD	RETAIL - FOOD & DRINK		M
HALF MOON BAY FISH MARKET INC	99 SAN MATEO RD	RETAIL - FOOD STORE	Meat And Fish (seafood) Markets, Including Freezer Provisioners	M
HALF MOON BAY ALLIANCE	120 SAN MATEO RD	RETAIL - AUTO/GAS	Gasoline Service Stations	M
PEETS COFFEE AND TEA	142 SAN MATEO RD	RETAIL - FOOD & DRINK	Coffee Stores\retail	M
TACO BELL #30800	146 SAN MATEO RD	RETAIL - FOOD & DRINK	Fast Food Restaurants	M
DAICHI SUSHI	150 SAN MATEO RD	RETAIL - FOOD STORE	Restaurants	M
NEW LEAF COMMUNITY MARKETS INC	150 SAN MATEO RD	RETAIL - FOOD STORE	Grocery Stores, With Or Without Fresh Meat\retail	M
RITE AID 5885	170 SAN MATEO RD	RETAIL - GENERAL MDSE	Variety Stores	M
MERCADO MI FAMILIA INCORPORATED	182 SAN MATEO RD	RETAIL - FOOD STORE	Grocery Stores	M
HAPPY TACO TAQUERIA	184 SAN MATEO RD	RETAIL - FOOD & DRINK	Restaurants	M
STRAW HAT PIZZA	186 SAN MATEO RD	RETAIL - FOOD & DRINK	Restaurants, Carry-out	H
7 ELEVEN	196 SAN MATEO RD	RETAIL - FOOD STORE	Grocery Stores	M
AJS COFFEE INC	198 SAN MATEO RD	RETAIL - FOOD & DRINK	Coffee Shops	M
HALF MOON BAY SHELL SERVICE	201 SAN MATEO RD	RETAIL - AUTO/GAS	Gasoline Service Stations	M
SAMS COFFEE SHOP	210 SAN MATEO RD	RETAIL - FOOD & DRINK	Coffee Shops	M
FLYING FISH GRILL	211 SAN MATEO RD	RETAIL - FOOD & DRINK	Restaurants, Fast Food	H
Curley & Reds Autobody & Towing	215 SAN MATEO RD	SERVICE - AUTO REPAIR	Automotive Services, Except Repair And Carwashes	M
HALF MOON BAY ROOFING	239 SAN MATEO RD	CONTRACTOR - SPEC TRADE	Roofing Work, Including Repairing-contractors	L
HILLTOP MARKET	251 SAN MATEO RD	RETAIL - FOOD STORE		M
SUNRISE PAINTING INCORPORATED	525 SAN MATEO RD	CONTRACTOR - SPEC TRADE	Paint And Wallpaper Stripping-contractors	L
FIREWOOD FARMS	551 SAN MATEO RD	RETAIL - MISCELLANEOUS	Firewood And Fuel Wood Containing Fuel Binder	L
R G MASONRY INC	11831 SAN MATEO RD	CONTRACTOR - SPEC TRADE	Masonry, Stone Setting, And Other Stone Work	L
CROWN CLEANERS	210 SAN MATEO RD 109	SERVICE - MISCELLANEOUS	Laundry And Garment Services, Not Elsewhere Classified	M
ENTERPRISE RENT A CAR	213 SAN MATEO RD 112	RETAIL - AUTO/GAS	Automobile Rental With Drivers	M
FABBRI HOME & GARDEN	501 SAN MATEO RD 5B	RETAIL - BLDG/GARDEN SUPPL	Garden Supplies And Tools\retail	L
H M B LUCKY 99 CENT & UP STORE INC	160 SAN MATEO RD C	RETAIL - GENERAL MDSE	Miscellaneous Retail Stores, Not Elsewhere Classified	M
DUNKIN DONUTS	118 SAN MATEO ROAD	RETAIL - RESTAURANTS	Restaurants	M
H M B LUCKY 99 CENT & UP STORE INC	160 SAN MATEO ROAD	RETAIL - GENERAL MDSE	Miscellaneous Retail Stores, Not Elsewhere Classified	M

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**C.4.b.iii. Potential Facilities List**

Ctiy of Half Moon Bay

Last Revised:2/22/2018

<b>Business Name (DBA)</b>	<b>Business Address</b>	<b>Business Type</b>	<b>SIC Description</b>	<b>Latest Priority</b>
JAMES FORD INC	100 SEYMOUR ST	RETAIL - AUTO/GAS	Automobiles, New And Used\retail	M
MONSOON HIMALAYAN CUISINE	20 STONE PINE RD	RETAIL - FOOD & DRINK	Restaurants	H
HALF MOON BAY COFFEE COMPANY	20 STONE PINE RD A	RETAIL - FOOD & DRINK	Restaurants	H
CHINA HOUSE	20 STONE PINE RD C	RETAIL - FOOD & DRINK	Restaurants	H
PIZZERIA WEST	20 STONE PINE RD D	RETAIL - FOOD & DRINK		H
SHIKI JAPANESE CUISINE	20 STONE PINE RD E	RETAIL - FOOD & DRINK	Restaurants	H
JERSEY JOES COASTSIDE	40 STONE PINE RD K	RETAIL - FOOD & DRINK	Restaurants	H
MCGREGER CONSTRUCTION	168 W POINT AVE	CONTRACTOR - GEN'L BLDG	General Contractors-single-family Houses	L
STEVEN MELO INC	450 WAVECREST RD	SERVICE - LANDSCAPE & GARI	Lawn And Garden Services	M